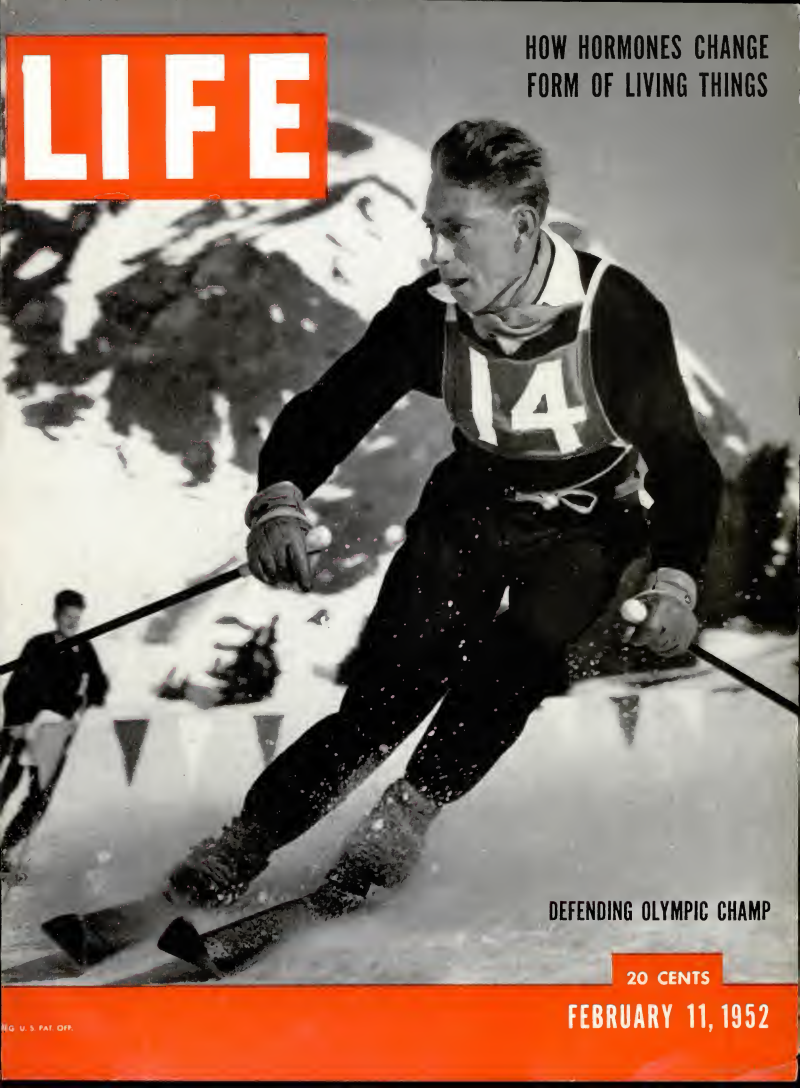


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HOW HORMONES CHANGE
FORM OF LIVING THINGS

DEFENDING OLYMPIC CHAMP

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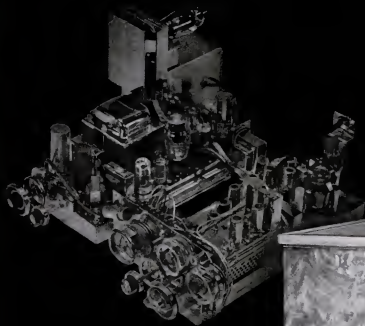
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it cleans teeth cleanest of all leading tooth pastes ... even cleans
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See and Hear **ARTHUR GODFREY** ★ CBS Radio & TV Networks
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It's nice to pick up the telephone and hear an alert, friendly voice come over the wires.

It may be the familiar "Voice with a Smile" of the telephone operator.

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the rush is on and minutes are scarce, it is doubly appreciated.

All 'round the clock it saves time and tempers and helps everybody get more things done, more quickly.

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Bromo-Seltzer and only Bromo-Seltzer is ready instantly to fight headache all three ways. For best results, use cold water. Follow the label, avoid excessive use. Keep ahead of headache. Keep Bromo-Seltzer handy.



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BIG BEN LOUD ALARM. Known around the
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A GIFT OF GAB!... JERRY...UNABLE SEAMAN
— 1ST CLASS!



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"Never Before"
"The Old Calliope"
"Merci Beaucoup"
"Today,
Tomorrow, Forever"



in HAL WALLIS' PRODUCTION SAILOR BEWARE



co-starring

CORINNE CALVET and MARION MARSHALL

with ROBERT STRAUSS • Directed by HAL WALKER • Screenplay by JAMES ALLARDICE
and MARTIN RACKIN • Additional dialogue by JOHN GRANT • Adaptation by ELWOOD ULLMAN

From a play by Kenyon Nicholson and Charles Robinson

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*SCIENTIFIC TESTS PROVE THAT IN 7 OUT OF 10 CASES, COLGATE'S INSTANTLY STOPS BAD BREATH THAT ORIGINATES IN THE MOUTH!



**Colgate's Has the Proof!
IT CLEANS YOUR BREATH
WHILE IT CLEANS YOUR TEETH!**

For "all day" protection, brush your teeth right after eating with Colgate Dental Cream. Some toothpastes and powders claim to sweeten breath. But only Colgate's has such complete proof that it stops bad breath.* There's a big difference!



**Colgate's Has the Proof!
COLGATE DENTAL CREAM
IS BEST FOR FLAVOR!**

Colgate's wonderful wake-up flavor is the favorite of men, women and children from coast to coast. Nationwide tests of leading toothpastes prove Colgate Dental Cream preferred for flavor over all other brands tested!



**Colgate's Has the Proof!
THE COLGATE WAY
STOPS TOOTH DECAY BEST!**

Yes, science has proved that brushing teeth right after eating with Colgate Dental Cream stops tooth decay best! The Colgate way is the most thoroughly proved and accepted home method of oral hygiene known today!



No Other Toothpaste or Powder
OF ANY KIND WHATSOEVER
Offers Such Conclusive Proof!

READER'S DIGEST reported the same research which proves that brushing teeth right after eating with Colgate Dental Cream stops tooth decay best! And, while not mentioned by name, Colgate's was the only toothpaste used in this scientific research.

Get PURE, WHITE, SAFE COLGATE'S Today!

LETTERS TO THE EDITORS

LEGALIZED GAMBLING

Sirs:

Your editorial on gambling ("Legalized Gambling: A Suggestion," LIFE, Jan. 21) was masterly, persuasive and irrefutable. As you say, to legalize certain types of gambling is not to increase that practice, but to decrease hypocrisy and public corruption. . . .

VICTOR S. YARROS

La Jolla, Calif.

Sirs:

. . . I am astounded to think that when most journalists are concerned about the low estate of morals, LIFE seeks to legalize gambling.

RICHARD L. SWANN

St. Louis, Mo.

Why not be more inclusive and legalize dishonesty? . . .

W. H. REYHER

Oak Ridge, Tenn.

Sirs:

I am an ex-bookmaker in a Massachusetts town of 25,000, and the pictures which have been presented of high-time gambling are as shocking to me as to the minister around the corner. . . . Syndicates, if there be such, control only urban areas and when contrasted with the thousands of independent bookies throughout the nation, cannot be taken as a true representation of national gambling. . . .

I have not become wealthy after being a bookie for over ten years. I have a wife and two children, a 1947 car, 3 suits and am a typical middle-class American. My wife has never had a mink or any other fur coat. My neighbors and friends consider me a little better than average father and husband. Am I a vicious gangster and a menace to my community? Yet the stigma of being a "bookie" has become such that most of those with the average amount of decency are being driven out. Thus the recent investigations and legislations are defeating their own purpose. The tougher the enforcement of anti-gambling laws becomes, the tougher become those engaged in the business of gambling!

NAME WITHHELD

BUSIEST WOMAN IN U.S.

Sirs:

Your article, "Busiest Woman in U.S." (LIFE, Jan. 21) was one of the best printed yet. Let's have more like it.

CARL J. WHITE

Salem, S. Dak.

Sirs:

I marvel at the accomplishments of Anna Rosenberg. What education did she have? Did she just use common sense to rise to the rank of Assistant Secretary of Defense?

RHODA KODISH

Chicago, Ill.

● Her formal education ended with high school. She holds an honorary Master of Humane Letters from Russell Sage College and an honorary Doctor of Laws from Tufts.—ED.

Sirs:

If my son in Korea is discharged at the end of the period for which he was drafted, perhaps I will have as much faith in Anna Rosenberg as you have.

O. W. YOUNG

Pleasant Plains, Ill.

Sirs:

. . . She reminds me of Anna Ella Carroll, a friend and adviser of President Abraham Lincoln.

Mrs. PAUL TUNNINGLEY

Durand, Mich.



MISS CARROLL

● Anna Ella Carroll (LIFE, July 26, 1948), called "the great unrecognized member of Lincoln's Cabinet," was an able military strategist who offered plans and suggestions to her friend in the White House during the Civil War.—ED.

FLAMING FOOD

Sirs:

As always your recipes are wonderful ("Flaming Food," LIFE, Jan. 21). May we have more? . . .

Mrs. E. H. GUTERKUNT

Orchard Park, N.Y.

Sirs:

There was a hot time in this old home tonight. My wife has just graduated from "Flaming Peaches" to "Flaming Kitchen." I remain a 3rd degree reader.

JOSEPH A. GRACEWICE
Brooklyn, Mass.

HONOR REFUSED

Sirs:

When he turned down the medals for his sons ("Honor Refused," LIFE, Jan. 21), did Mr. McGovern stop to think that President Truman had little to do with the awards, and that someone in our country there are plain grateful Americans who bestowed these honors on other worthy sons?

Somehow I feel that Lieuts. Robert and Jerome gave their lives for American heritage and not President Truman, and that Mr. McGovern made a hasty statement.

CALVIN M. WILLIS

Charleston, W. Va.

PALM BEACH

Sirs:

My congratulations to Cleveland Amory for his splendid article, "Palm Beach" (LIFE, Jan. 21). Saul Steinberg's illustrations are also superb. It reminded me of a rainy weekend spent in the Great Dismal Swamp, or a Retreat to the Backwaters of American Society. . . .

LEE RUTLE

Oakland, Calif.

Sirs:

No wonder Arthur Bradley Campbell, "whose mother's third husband was the 11th Marchioness of Huntly," found New York theater audiences not worth seeing. Anyone whose stepfather is a *marquess* would very likely find ordinary people rather dull.

BILL DOWNS

San Francisco, Calif.

● LIFE, guilty of a dull ordinary slip, should have used the masculine "marquess."—ED.



To every man who feels uneasy when he's "sitting out" the dishes

RIGHT AFTER DESSERT, you've slipped into the living room and eased into that deep chair.

But you're not completely comfortable, right? That rattle of dishes reminds you that your wife's tired, too.

You ought to talk to one of the men who's provided leisure after mealtimes for himself and his wife, too . . . with a General Electric **PRE-RINSING** Dishwasher.



**NO HAND-RINSING! DISHES OUT OF SIGHT!
POTS AND PANS, TOO!**

Just brush loose food off plates. The G-E Dishwasher pre-rinses; rinse-water drains, then the G-E washes. Even sticky pots come sparkling clean! The G-E takes off all but soil that's been baked on. Your kitchen's cleaner all day

because G-E holds (and hides) dirty dishes and utensils as you use them. Large capacity . . . holds complete service for eight including ten glasses.

Dishes Cleaner Than "Hand-Washed"...

Your G-E Dishwasher pre-rinses, gives a thorough spray-rub washing, then it double-rinses and fan-dries your dishes to a shining glitter.

Dishes and glasses come cleaner than "hand-washed" because the water's hotter and stays hotter than hands can stand—thanks to extra heat supplied by G. E.'s famous Calrod® unit.

Delicate china is safe, cushioned on plastic-coated trays that remain stationary. Only the water swishes around!



YOU'LL SAVE HER AN HOUR A DAY!

The G-E Dishwasher glides out at her touch. Easy loading. No bending, no stooping and plenty of counter space left. She'll save at least an hour a day . . . and cost of operation is low. And the man of the house will appreciate the fact that a G-E Dishwasher is an investment that will increase the value and salesability of the home.

So, sit back and relax, with a General Electric **PRE-RINSING** Dishwasher. See your G-E dealer for a demonstration today. General Electric Company, Louisville 2, Kentucky.

**Dishes washed, Fan-Dried, Out of Sight
G-E PRE-RINSING DISHWASHER**

GENERAL  ELECTRIC

* She's a proud mother... why shouldn't she be? She and her kittens are a Puss 'n Boots family. Fed Puss 'n Boots regularly, they're at top form... brimming with the liveliness that makes them fun for everyone in the house.



* Mom's not worried about her kittens. They're healthy and strong, with coats sleek as her own. That's because their tasty Puss 'n Boots diet answers every known nutritional need. Promotes good dispositions and good looks, too.

See *
what it means...
to be a
Puss 'n Boots Cat?

* And as the kittens grow up they'll be wonderful pets! Happy Puss 'n Boots cats, making their owners happy, too. For a Puss 'n Boots cat is a purring, affectionate pet... alert, curious, lively... a cat everyone loves.

Your pet is livelier, healthier, happier
on a Puss 'n Boots diet



Cats love Puss 'n Boots! It's made just for them... of fresh-caught whole fish with added cereals. An all-in-one diet, Puss 'n Boots supplies all the vitamins, proteins and carbohydrates found in beef, liver, salmon, milk and food from the table. Feed thrifty Puss 'n Boots daily for thirty days... and see what it means to own a Puss 'n Boots cat.

Puss 'n Boots adds the PLUS!

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QUALITY MAKES IT...
AMERICA'S LARGEST SELLING CAT FOOD

LETTERS TO THE EDITORS

CONTINUED

HERO RECITES HIS SAGA

Sirs:

As I viewed the action-filled pictures of the *Flying Enterprise* ("The Hero Recites His Own Saga," *LIFE*, Jan. 21), I had the feeling of actually witnessing the entire epic.

Mrs. P. BUCKLEY

Lodi, Calif.

EISENHOWER CAMPAIGN

Sirs:

"Youth For Eisenhower" is not "sponsored by Tex McCrary," as you stated in "The Eisenhower Campaign Is Born" (*LIFE*, Jan. 21).

Ours is a vigorous national organization of younger voters devoted to getting Ike nominated on the Republican ticket and elected. We have chapters in over thirty states and are growing rapidly...

JAMES R. GUILMARTIN

New York, N. Y.

STOCKING FACES

Sirs:

The idea shown in "In Louisville a New Game in Old Nylon Produces Some Shocking Stocking Faces" (*LIFE*, Jan. 21) was irritatingly familiar until I remembered a statue in the Corcoran Gallery of Art. The grotesque effects in *LIFE* caused me to high-tail it to the museum where I found that the statue was still a picture of serene beauty.

LOUISE GRONINGER

Washington, D.C.



THE VEILED NUN

CONTINUED ON PAGE 13

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tape ever!



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He was everybody, grown a little taller

Let's skip all the things you've read about him, all the things you heard too often or too young.

Forget the face on the penny, the statue in Washington, the Emancipation Proclamation, the speech at Gettysburg. Forget the official things and look at the big thing.

Why do we love this man, dead long before our time, yet dear to us as a father? What was there about Abraham Lincoln?

He came out of nowhere special—a cabin like any other out West. His folks were nobody special—pleasant, hardworking people like many others. Abe was a smart boy, but not too smart. He could do a good day's work on the farm, though he'd just as soon stand around and talk. He told funny stories. He was strong and kind. He'd never try to hurt you, or cheat you, or fool you.

Young Abe worked at odd jobs and read law books at night. Eventually he found his way into local politics. And it was then that people, listening to his speeches, began to know there was something special about Abe Lincoln.

Abe talked about running a country as if it were something you could do. It was just a matter of people getting along.

He had nothing against anybody, rich or poor, who went his own way and let the other fellow go his. No matter how mixed up things got, Abe made you feel that the answer was somewhere among those old rules that everybody knows: no hurting, no cheating, no fooling.

Abe had a way of growing without changing. So it seemed perfectly natural to find him in the White House one day, padding around in his slippers, putting his feet on a chair when he had a deep one to think about—the same Abe Lincoln he'd always been, and yet the most dignified and the strongest and the steadiest man anybody'd ever known. And when that terrible war came that might have torn his country apart, no one doubted what Abe would do. He was a family man; he resolved to keep the American family together.

Abe Lincoln always did what most people would have done, said what most people wanted said, thought what most people thought when they stopped to think about it. He was everybody, grown a little taller—the warm and living proof of our American faith that greatness comes out of everywhere when it is free to come.

John Hancock MUTUAL LIFE INSURANCE COMPANY
BOSTON, MASSACHUSETTS

LIGHT COSTS LESS WITH NEW BRIGHTER LAMP



EXCLUSIVE WESTINGHOUSE
90-WATT FLUORESCENT LAMP
BEATS ALL OTHERS
IN ITS CLASS



Because of its higher light output, the new 90-watt fluorescent lamp is ideal for plants and offices... lasts over three years in average use.



You can't beat the life of Westinghouse fluorescent lamps. For example, the 40-watt size lasts over 3 years in average home use.

Here is money-saving news for users of fluorescent lamps. This new, easier-starting 90-watt fluorescent lamp is filled with a special mixture of krypton-argon gases developed by Westinghouse Lamp research engineers. The use of high-efficiency gases, together with other technical improvements, results in a lamp that gives more light than any other lamp in its class.

Of course, this lamp is for industrial or commercial use, but for homes, too, you'll find that Westinghouse fluorescent lamps are unsurpassed. Westinghouse Lamp Division, Bloomfield, New Jersey.



YOU CAN BE SURE...IF IT'S

Westinghouse



NEW INSOLE

Miracle of
Foot
Ease!



LIKE
WALKING ON
PILLOWS!

Makes Any
Man's and
Woman's Shoes
Air-Cushioned

1. Relieves Painful Calluses, Tendrils, Burning Feeling
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4. Washable, Sanitary

The moment you slip Dr. Scholl's AIR-PILLO INSOLE into your shoe, you experience the most delightful sensation of walking ever imaginable! They put new spring into your step... new life into your feet and give you a feeling of foot contentment that's precious. Made of soft LATEX FOAM (millions of tiny air cells), these insulating, air-ventilating insoles cushion your feet from toe to heel.

ONLY 60¢ A PAIR!

In Sizes and Colors for All Styles of Shoes

Dr. Scholl's AIR-PILLO INSOLES are made for men in White and for women in White, Red, Black, Brown, Gray, Green to harmonize with open toe and heel dress, sport and casual shoes. Give your feet the wonderful cushioning treat today! Sold at all Drug, Department, Shoe and 5-10¢ Stores.

**Dr. Scholl's
AIR-PILLO INSOLES**



You comb a
Thousand times a year
So buy the best
Buy Ace, my dear

The best—note the smoothly rounded teeth of Ace Combs that protect scalp and hair. The best—made of genuine Ace Hard Rubber, pockaged in individual boxes. The best—yet Ace Combs actually cost less because they last longer. Money styles—far purse, pocket or home.

American Hard Rubber Company, N. Y. 13.

ACE®
HARD RUBBER
COMBS



LETTERS TO THE EDITORS

—CONTINUED—

Sirs:

The nyloned noggin of Pat Wrege's guests carry on a tradition established some years ago by the smart set of Dartmouth College. What better way to make a regrettable blind date suddenly remember an urgent term paper back at Wileysley?

ROBERT H. MORRHOUSE
Loudonville, N.Y.



NYLON AT DARTMOUTH

Sirs:

Was your story the inspiration for the stocking mask robbery of a market in Burbank, Calif.? The four gunmen are now under arrest. In this picture, a reporter demonstrates the disguise that was used.

ELDON KENNOROTHY
Arendts, Calif.



NYLON IN CALIFORNIA

Sirs:

Have you recently purchased stock in a nylon corporation? My three pairs of nylons have gone poof as my three sons imitated your pictures.

Mrs. H. G. WALSH
Lima, Ohio

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SPEAKING OF PICTURES . . .

... Out of broomsticks and table legs,
a carver makes heads like skyscrapers

Twenty-two years ago a Ukrainian named Nikita Carpenko (*below*) settled on Nantucket Island and began to earn his living making ship models for boat-lovers like President Roosevelt. But in 1948 Carpenko got tired of whitening hulls and spars. Picking up a piece of wood—it happened to be a table leg—he set to work with his penknife and produced an austere and solemn head, as slim and elongated as a mast. Over the next three years Carpenko turned out more than 100 heads, using broomsticks, chair legs and any stray wood he could find around the island. Sometimes he carved as many as four heads out of a single piece of wood.

This winter Carpenko brought his carvings down from Nantucket to New York where they were put on exhibit in an art gallery. There the stern ranks of sharp-angled, tapering heads created a startling architectural effect and prompted *LIFE's* Andreas Feininger to photograph them like sculptured skyscrapers against one of his pictures of the skyline of New York (*right*). Already Carpenko has sold 40 of his skyline heads at prices ranging from \$50 to \$300. Now he is at work on his tallest to date, a cranial phenomenon that stretches seven feet.



WOODCARVER CARPENKO, 54, has been making model ships since the age of 7, took time out to study art in California after escaping from Russia in 1921.

HEADS AGAINST PHOTOGRAPH ECHO NEW YORK SKYLINE NEAR 42ND STREET—▶







More men wear



Florsheim Shoes



than all other



quality makes combined

In survey after survey, poll after poll, Florsheim Shoes rank first in brand preference by a wide margin. That's because, for 60 years, Florsheims have been built better to wear longer, and thus cost less in the long run . . . and that's why more men wear Florsheim Shoes than all other quality makes combined.



The VIKING, S-1285
Random Grain Wing
Tip W soleweight

The Florsheim Shoe Company • Chicago • Makers of fine shoes for men and women

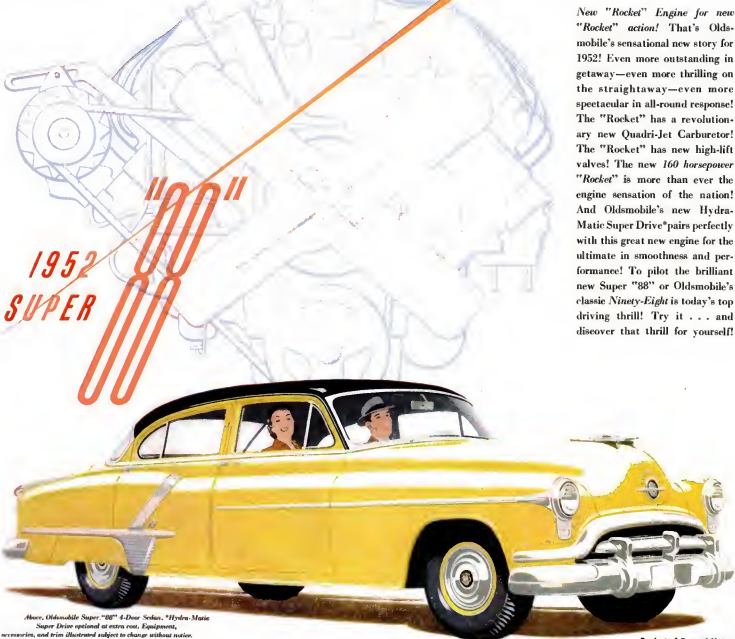


MOTHER AND CHILD is one of few statues which show more than the head. Carpenko carves entirely with penknife, shines work with shoe polish.

NEW "ROCKET"! 160 HORSEPOWER!

-and

HYDRA-MATIC SUPER DRIVE!

A yellow Oldsmobile Super Rocket car is shown from a side profile, facing right. Inside the car, a man in a hat is driving and a woman is in the passenger seat. The background features a large, faint blue line drawing of an engine. A stylized orange rocket with a long, bright orange flame trail is shown launching from the engine area towards the top right corner. The text "1952 SUPER" is written in red, slanted letters on the left side of the engine diagram. The text "88" is written in large, red, slanted numbers in the center of the engine diagram. The text "NEW 'ROCKET'! 160 HORSEPOWER!" is at the top left, and "HYDRA-MATIC SUPER DRIVE!" is below it. The text "Product of General Motors" is at the bottom right.

New "Rocket" Engine for new "Rocket" action! That's Oldsmobile's sensational new story for 1952! Even more outstanding in getaway—even more thrilling on the straightaway—even more spectacular in all-round response! The "Rocket" has a revolutionary new Quadri-Jet Carburetor! The "Rocket" has new high-lift valves! The new 160 horsepower "Rocket" is more than ever the engine sensation of the nation! And Oldsmobile's new Hydra-Matic Super Drive* pairs perfectly with this great new engine for the ultimate in smoothness and performance! To pilot the brilliant new Super "88" or Oldsmobile's classic Ninety-Eight is today's top driving thrill! Try it . . . and discover that thrill for yourself!

Above, Oldsmobile Super "88" 4-Door Sedan. *Hydra-Matic Super Drive optional at extra cost. Equipment, accessories, and trim illustrated subject to change without notice.

Product of General Motors

"ROCKET" OLDSMOBILE

Which was kept in an Admiral?



THIS TOMATO SLICE was left uncovered for 5 days in an Admiral Dual-Temp. Test shows that moist-cold kept it fresh, appetizing, flavorful.



THIS SLICE from the same tomato was left uncovered 5 days in an ordinary refrigerator. It is dried out, distasteful—worthless.



MODEL 1192—DUAL-TEMP—11 CU. FT.

Foods don't dry out in an Admiral Dual-Temp

Anything . . . yes, *anything!* . . . keeps in the Admiral Dual-Temp—and keeps better than you've ever known food to keep before! Cold meats, egg yolks, leftovers, fruits, vegetables, desserts . . . all stay fresh and flavorful for days on end without lids or wrappings—and without any mingling of odors or flavors.

Remarkable, too, is the huge freezer compartment with the coldest-cold of them all! You can quick-freeze at temperatures as low as 52° below freezing—store up to 72 pounds of frozen foods. For the one truly *different* No Defrosting refrigerator—for the finest in refrigeration at typical Admiral savings—see the new '52 Dual-Temps now at your Admiral dealer's.



ADMIRAL ELECTRIC RANGES—the only ranges that give you the accuracy of Flex-O-Temp controls, plus the automatic self-turning Rotary Roaster.

FREE: Subscription to "Smart Living". See your Admiral dealer.



Admiral

DUAL-TEMP

NO DEFROSTING...EVER!

TELEVISION: See and hear "Lights Out" Mondays, 9 PM, EST, over NBC Network

TELEVISION • APPLIANCES

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LIFE'S COVER

Henri Oreiller, the 6-foot 4-inch skier who became a hero by winning the 1948 Olympic downhill race, is a cheerful Frenchman whose parents own a bakery and sportswear shop in Val d'Isère, a resort in the French Alps. But Henri, who at 26 eagerly accepts the rigors of downhill skiing (pp. 106-117), manages to avoid working in either store. When not skiing he is busy playing the piano, guitar and accordion. He also sings and composes. His pet song, inspired by reading cowboy comics, is *The French Cowboy Song*, the saga of a cowpoke who holds up the mailcoach and falls for the sheriff's daughter. Some day he hopes to make a career of singing.

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How we retired with \$250 a month

HERE we are, living in Southern California. We've a little house just a few minutes' walk from the beach, with flowers and sunshine all year. For, you see, I've retired. We're getting a check for \$250 a month that will keep us financially independent as long as we live.

But if it weren't for that \$250, we'd still be living in Forest Hills, and I'd still be plugging away at the same old job. Strangely, it's all thanks to something that happened, quite accidentally, in 1926. It was August 17, to be exact. I remember the date because it was my fortieth birthday.

To celebrate, Peg and I were going out to the movies. While she went upstairs to dress, I picked up a magazine and leafed through it idly. Then somehow my eyes rested on an ad. It said, "You don't have to be rich to retire." Probably the reason I read it through was that just that evening Peg and I had been saying how hard it was for us to put any thing aside for our future.

Well, we'd certainly never be rich. We spent money as fast as it came in. And here I was forty already. Half my working years were gone. Some day I might not be able to go on working so hard. What then?

Now this ad sounded as if it might have the answer. It told of a way that a man

of 40—with no big bank account, but less than fifteen or twenty good earning years ahead—could get a guaranteed income of \$250 a month. It was called the Phoenix Mutual Retirement Income Plan.

The ad offered more information. No harm in looking into it, I said. When Peg came down, I was tearing a corner off the page. First coupon in my life I ever clipped. I mailed it on our way to the movies.

Twenty years aside by mighty fast. The crash . . . the depression . . . the war. I couldn't foresee them. But my Phoenix Mutual Plan was one thing I never had to worry about!

1946 came . . . I got my first Phoenix Mutual check—and retired. We're living a new kind of life. Best of all, we've security a rich family might envy. Our \$250 a month will keep coming as long as we live.

Send for Free Booklet

This story is typical. Assuming you start at a young enough age, you can plan to have an income of \$10 to \$250 a month or more—beginning at age 55, 60, 65 or older. Send the coupon and receive, by mail and without charge, a booklet which tells about Phoenix Mutual Plans. Similar plans are available for women—and for employee pension programs. Don't put it off. Send for your copy now.



PHOENIX MUTUAL

Retirement Income Plan

GUARANTEES YOUR FUTURE

PLAN FOR WOMEN

PHOENIX MUTUAL LIFE INSURANCE CO.
 891 Elm Street, Hartford 15, Conn.
 Please mail me, without cost or obligation, your illustrated booklet "Retirement Income Plans for Women."

Name _____
 Date of Birth _____
 Business Address _____
 Home Address _____

PLAN FOR MEN

PHOENIX MUTUAL LIFE INSURANCE CO.
 891 Elm Street, Hartford 15, Conn.
 Please mail me, without cost or obligation, your illustrated booklet, showing how to get a guaranteed income for life.

Name _____
 Date of Birth _____
 Business Address _____
 Home Address _____

Gets rollin' fast!



Fire-Chief gasoline makes cold starts *fast* starts.

And when you get rollin' with Fire-Chief, you roll faster, smoother and easier. Best of all, it's *regular priced*. So have your Texaco Dealer fill up your tank with Fire-Chief today.

He's the best friend your car ever had.

... and don't forget the best meter all your money can buy.

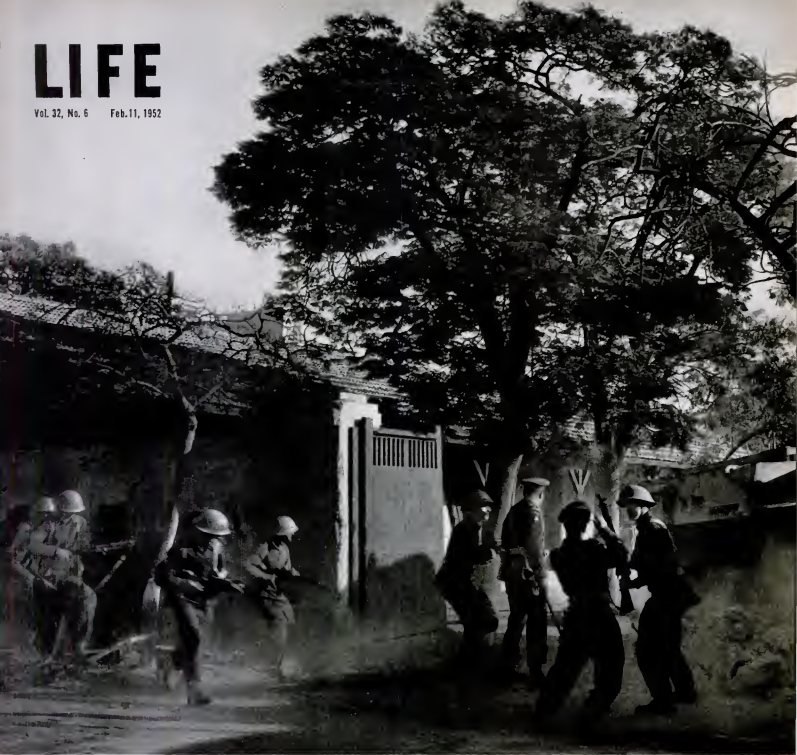


THE TEXAS COMPANY
TEXACO DEALERS IN ALL 48 STATES

Texaco Products are also distributed in Canada and Latin America



TUNE IN: On television—the TEXACO STAR THEATER starring MILTON BERLE—every Tuesday night. On radio—Metropolitan Opera Broadcasts—every Saturday afternoon. See newspaper for time and station.



LANCASHIRE FUSILIERS ASSAULT WEST WALL OF EGYPTIAN STRONGHOLD, CHARGING BEHIND CENTURION TANK (RIGHT) WHICH HAS PUNCHED THROUGH GATE

BATTLE FOR THE BUREAU SANITAIRE

The British conduct an effective punitive action at Ismailia but it sets off an orgy of rioting in Cairo

PHOTOGRAPHED BY RENE GROEBLI

For three hours on the morning of Jan. 25, the Egyptian town of Ismailia on the Suez Canal shook with the crunchings and detonations of modern battle. Spearheaded by 50-ton Centurion tanks, British regulars assaulted the walled stronghold of the bitterly nationalist auxiliary police after 33 British soldiers guarding the area had been killed in recent weeks. The severest

fighting took place at the Bureau Sanitaire (former health office) as the British blasted through the surrounding walls and quickly and ruthlessly reduced and defeated the defenders.

Too small to be called a war but too big to be dismissed as a mere police action, the battle had a singularly significant impact of its own. It threw the city of Cairo into an upheaval of

murder and pillage (pp. 24, 25) which upset the Wafd government and brought all rebellious Egypt under martial law. Coming soon after the nationalist uprisings against the French in Tunisia, the action at Ismailia provided a pertinent and revealing example of the kind of battle that may have to be fought many more times in the world's critically explosive places.

THE ASSAULT ON WEST WALL IS STOPPED



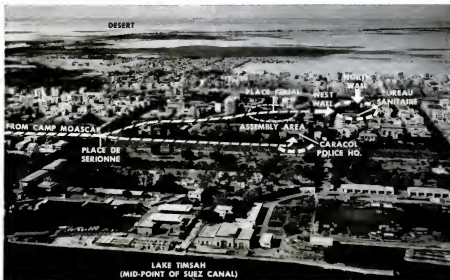
CAUGHT IN HEAVY FIRE INSIDE THE WEST WALL, FUSILIERS DEPLOY QUICKLY, ONE IS ALREADY DEAD

'I WOULD RATHER DIE THAN SURRENDER'

Since it was confined to a single block of Ismailian real estate, the British attack had a compact character which enabled Photographer Rene Grocblin to show almost all of it with the pictures on these two pages. The stage for the battle was set weeks ago when the auxiliary police, whose weapons are normally limited to staves, began amassing an arsenal of rifles which they allegedly used against the British. This led the tough old commander of British troops in Egypt, General Sir George Erskine, to order out a force to disarm them. As the British moved into the city before dawn, messages were sent to authorities in Ismailia asking that the auxiliaries give up their weapons. Back came a flat refusal. So the British deployed against their two objectives (below): 1) the Bureau Sanitaire, defended by 600 auxiliaries; 2) the police headquarters (Caracol), defended by 340 auxiliaries and 63 regular policemen sympathetic

to the nationalist cause. Before attacking, the British broadcast several surrender requests over loudspeakers and fired a blank round from a tank. They received in answer a growing hail of rifle bullets from the Bureau Sanitaire. At 9 a.m. the British launched against the Bureau a two-pronged attack.

The troops assaulting the western wall were hit hard by rifle fire and were forced to withdraw. But the attack on the north wall was successful, as Centurions punched holes for the armored cars and infantry. By 10:37 the auxiliaries, bleeding and battered, began to weaken. Meanwhile a fire fight for the Caracol had developed after a captain of the regular police shouted defiantly to the British that he would "rather die than surrender." However, after the captain and his men saw what the coolly deliberate British attack had done to the auxiliaries a block away, they changed their minds.



BRITISH ADVANCE into Ismailia split at Place Serenne where two companies of Lancashire Fusiliers, plus three tanks, 15 armored cars and company

of paratroopers, turned northeast to attack the Bureau Sanitaire. Three tanks, three armored cars and one company of Fusiliers, went on to the Caracol.



ASSAULTING NORTH WALL, ARMORED CAR MOVES



A SMOKE SHELL PLUMMETS DOWN FROM ABOVE

BUT ON THE NORTH IT CRUNCHES THROUGH



THROUGH HOLE BLASTED BY TANK AHEAD OF IT



TANK RUMBLES TOWARD BUREAU WHERE TROOPS FIGHT IN SMOKE SCREEN WHICH IS BLOWING AWAY



TO RENEW SCREEN PROTECTING THE ASSAULT



SMOKE CLEARS (TO REVEAL ARMORED CAR, SCARRED BUREAU AND STRETCHER-BEARERS MOVING IN



WOUNDED FUSILIER, his face distorted with pain, is carried away by two stretcher-bearers, one of whom (*right*) manages a smile and a comforting word. He was wounded by a bullet, as the only weapons available to the Egyptians were

small arms. The British infantry used Enfield rifles, Bren and Sten guns. The armored cars fired about 20 rounds from their two-pounders, while the Centurions did all the damage needed with 23 rounds from their powerful 20-pounders.



BRITISH SNIPERS in position on top of a nearby building shoot down on the Egyptians defending the Bureau Sanitaire (*center*) from the wall enclosures on its roof. They helped to produce the results that are shown in the picture at right.



EGYPTIAN DEAD sprawl on roof of the Bureau amid scattering of clothing, helmets and sandbags used to protect firing positions. After the battle the British admitted that they were surprised by the tenacity of the auxiliaries' defense.



VICTORS AND LOSERS are caught in a scene of utter defeat and tense exasperation. A prisoner drops his hands behind him in a futile effort to protect himself from the prod of a British rifle butt, while a young Tommy, his irate face

twisted, swipes at another Egyptian. When the battle had ended at 12:30, there were 41 Egyptian dead and 73 wounded. The British lost 4 dead, 13 wounded, took 886 prisoners and then released the most docile of them within 12 hours.



EYEWITNESS STORY OF THE DAY CAIRO BURNED

The new government of Aly Maher Pasha continued the censorship clamped on Egypt after the riots in Cairo on Saturday, Jan. 26. Below, however, is an uncensored report on that violently momentous day by Kenneth Anger, a young American movie man who managed to get out of the country with pictures (opposite page) of Cairo's ruins.

I was awakened in my room at the National hotel that Saturday morning by the swelling and fading noise of a mob in the streets. I got out on the hotel balcony in time to see a ragged clot of humanity pass below. The leader, riding on the shoulders of a group of men, was waving his arms like an orchestra conductor. His followers responded by shaking their upraised fists in unison and shouting in Arabic: "Give us guns! Give us guns!"

Not until the early afternoon, however, did I see the violence strike. I came upon a street filled from curb to curb with Egyptians, nearly all of them young men in the long-skirted native costume. A building across the way was enveloped in flames. I was swept into the mob and borne along with it as it ran up the street.

Everybody was screaming. I fought to break away but only succeeded in getting knocked down and trampled. My coat was torn off me. Not until the mob had passed could I get up.

The rioters were in control now. At the Turf Club I saw youngsters throwing furniture out of the windows. Frantic Egyptians were using crowbars to rip off the iron grilles protecting the Excelsior Buffet bar. Soon they surged inside and began throwing out furniture and fittings and even food onto a fire in the street.

The Metro Cinema was ablaze now too. Metal tables from the Excelsior had been smashed against the marble of the Metro's facade and pieces of the marble were buried at the glass marquee, obliterating "Greer Carson in *Valley of Decision*."

When I got through the revolving doors into the familiar lobby of the National again, I found the guests all assembled. In the adjoining lounge a hysterical woman with tears streaming down her cheeks was being attended by a group of guests. One of them said, "She runs a pension over on the next street. The mob broke in and dragged out eight English women and

their children who were living there and killed them all before her eyes."

In a few minutes we heard and saw a mob approaching the hotel. The manager directed servants to take the women down into the basement. I helped an elderly woman downstairs, then went out a small basement exit.

On the corner of Champillion Street the Chrysler showroom and garage were on fire. I started to run. Once more I was caught up in the surging mob. I broke away and raced back to the hotel. All the plate-glass windows of the lounge had been smashed but no one had been hurt.

I saw a green-painted jeep with Egyptian students laughing and screaming and holding aloft a portrait of King Farouk. As it swerved around the corner the jeep smacked into a little boy. It did not stop.

Then I walked up the hotel stairs to the roof. From there I could see plumes of smoke on the southeast skyline. Down in the street a group of 20 people were dragging someone along. They stopped and all of them kicked at their victim. When they dragged him off again bits of cloth-



FLAME AND SMOKE smear the skyline above downtown section of Cairo. Toll of the day's rioting: at least 60 dead, hundreds wounded, 250 fires set and property damage estimated well above \$20 million.

ing and blood showed where they had stopped.

Another mob was now coming around the corner from Adly Pasha and assembling in a huge mass in front of the National. An Egyptian army officer stepped out of the hotel. From his pocket he produced a green book about the size of a pack of cigarettes. He opened it and held it aloft before the mob. On the Koran, as I learned later, he swore that there were no Europeans in the National. The mob withdrew.

I decided to try to get across town to see what had happened to Shepherd's. When I got there I found a huge mob of people shouting and waving their arms as they watched the blazing remains of Egypt's most famous hotel collapse. Each time a timber crashed or a wall fell they cheered. On the third floor a middle-aged woman stood at a window. She was holding a small bundle. When her room started filling with smoke she dropped the bundle out the window and fell backward into the room. I heard someone say that the bundle was a baby.

I looked up into the sky. There, circling leisurely above the flame and smoke, were dozens of Egypt's black vultures, waiting.



SHEPHEARD'S HOTEL, internationally famous as a rendezvous for Westerners and wealthy Egyptian

pashas, is little more than rubble now. This photograph shows the remains of its fashionable terrace.



WESTERN SHOPS everywhere in Cairo were broken into and destroyed, while nearby stores owned

by Egyptians generally were left untouched. Goods were thrown out to the sidewalks and set aflame.



TRANS WORLD AIRLINES office, located in Ibrahim Pasha street, suffered losses, as did many other

American businesses. These included M-G-M, Pan American World Airways and the Kodak Company.

WOULD AIR-SEA ACTION AGAINST THE CHINESE MAINLAND SERVE OUR REAL OBJECTIVES IN ASIA?

A strange thing about the Korean war is the shortage of armchair generals. Not since the great MacArthur debate last spring has there been much public talk about who's winning and what next. It is as though the interminable truce talks at Panmunjon had bored us all into total incuriosity.

Did you know, for example, that Truman's National Security Council and the Joint Chiefs of Staff have a plan that would change the whole character of the war? This plan has yet to be sold to our allies, but it is at least tentative U.S. policy. It is this: If there is a truce, the U.S. would enforce it not by keeping a large army on the spot but by issuing an ultimatum. This ultimatum, which could also apply to Chinese aggression in southeast Asia, would threaten Mao Tse-tung with large-scale retaliation against China proper. We would blockade his coast and bomb his cities and communications.

This plan gets its main support from airmen, who are doing virtually all of the fighting in Korea these days and are losing planes at an ugly rate. The constricted Korean battlefield, with its artificial boundary at the Yalu, is about the last one a strategic airman would pick to show off in. He naturally prefers a wider choice of targets, say from Mukden to Canton, where the flak is less concentrated and the MIGs could be evaded by diversionary tactics. The Navy for its part is prepared (though not eager) to stop China's sea and coastal trade, even at the risk of attack by Russian or "volunteer" submarines.

So here is a bold new scheme that certainly deserves discussion. Its advocates say it would take the initiative away from the Communists for a change and give us that freedom of action that ought to be inherent in our offshore position. It is certainly more congenial to our national temper and assets than the slogging stalemate that nails down a third of our whole Army on a narrow front with no recognizable objective. It is an answer of sorts to Senator Taft, who calls "Truman's war" wholly unnecessary and says its "every purpose . . . has now failed."

However, it never pays to let your strategy be dictated by either frustration or temptation. Is this new plan well suited to our over-all objectives in Asia? That depends on how these objectives are defined.

We suggest our objectives are these: to assist the emergence of the Asian peoples out of the dead era of colonialism into full sovereignty without their going Communist in the process. This requires the use of force against armed force, but above all the use of politics (of which force is just a part) to give Asians confidence and hope in their own resistance to Communism. It also implies the ultimate liberation of China from its present Communist yoke.

The National Security Council's new plan has a more limited objective: to enforce a truce and deter Mao from further aggression. If it succeeds in that, fine. But if Mao defies our ultimatum, and we have to deliver on our threat, would the proposed air-sea action serve our larger goals? To an armchair strategist, there appear several ways in which it wouldn't.

Our Air Force argues that wide-scale bombing would make Mao break up his concentrated MIGs into manageable parcels, since the mayors of a hundred threatened cities would demand protection. But of course Mao is totally insensitive to that kind of domestic pressure, and could keep his air force concentrated and even turn it loose on our Eighth Army, which has not been seriously bombed or strafed so far. That's why the Army has strong reservations about the new strategy. Another consideration: are Chinese mainland targets really "remunerative" enough? There is little or no industry there, and bombings which just kill civilians—especially if the announced purpose is punitive and retaliatory—could have the reverse of their intended effect.

Finally, how would we know when we had won? The policy

of MacArthur (feasibility aside) had one great appeal: it promised a victorious conclusion to a measurable war. Unlike MacArthur's, the new plan does not aim at the defeat of China or imply the overthrow of Mao Tse-tung. Few people in official Washington, and still fewer in Britain and Western Europe, are talking in those terms at all. The very mention of an alternative to Mao Tse-tung inevitably brings up the unfashionable name of Chiang Kai-shek, whereupon discussion stops. In other words the political will to follow this new plan through to its logical conclusion—the overthrow of Mao—is completely lacking.

Some day, we dare predict, the political will to overthrow Mao will be found. But when it is, the proposed air-sea strategy will still be inadequate. The liberation of China must have a terrestrial dimension. That means somebody's ground troops; it certainly means guerrillas on the mainland from the very beginning. Accompanied by a substantial guerrilla activity, the bombing of mainland targets could be politically positive instead of negative. Our mainland Chinese allies could in fact tell us where and when to bomb, and the bombs would serve some purpose other than Air Force muscle flexing.

These questions are raised not in opposition to the new strategy but to warn against expecting too much of air-sea operations alone. If Mao forces us to resume the war, naturally we should not be bound by the past Korean precedent. We should be free to bomb and blockade wherever it pays; but we should also remember our objectives.

If we want to reduce Mao's prestige with the peoples of Asia, probably the best way is to attack the chief source and symbol of his strength, the Chinese Red Army. Ridgway's Operation Killer was doing that effectively last spring. And if we want to give heart to the anti-Communists of Asia, there is no substitute for defending them shoulder to shoulder where they live. We would certainly not make converts to anti-Communism by sacrificing South Korea in return for the privilege of bombing Peking. So we are stuck with some measure of the Korean war as hitherto conducted.

That being so, little is gained by calling it "Truman's war" and a "failure." The foreign policy that got us into it was a disastrous one and is a legitimate target of partisan politics. But the foreign policy that will get us out of it has not yet been described. That is why we need more armchair secretaries of state as well as armchair generals.

The Korean war is not a total failure for at least two reasons. First, it awoke the U.S. to its danger and got us at least partly rearmed. A symbol of this fact is the way Bradley and Ridgway are using Korea during the truce negotiations as a training ground. They have rotated some 152,000 men there, and the Navy has rotated 72,000.

Second, our resistance put heart into the anti-Communist cause everywhere, not least among Asians. But we are in for a long and difficult struggle on many fronts—so many that until we get to the point where we are able and willing to overthrow both Mao Tse-tung and Stalin, we just can't have complete "initiative" and freedom of action.

We could, however, improve our general readiness. For a constructive armchair proposal, why not station combat-ready units (air, sea and infantry) at various points on our Pacific periphery, where they could take off on policing actions against Communist aggression on very short notice? Such a police force is no substitute for trained armies of Asians, such as Ridgway has begun to develop in South Korea and the French in Indo-China. But it would help give anti-Communist governments the time and confidence they need to become strong.

Such a police force is also no substitute for a real plan to liberate China. But it would be a good preparation for the day when such a plan is needed.



THE BILLY GOAT ACRES MOB

In Bakersfield, Calif., one afternoon last week six youngsters and a dog named Butch left their stomping grounds in a ramshackle slum district called "Billy Goat Acres" and set off to look for some excitement. As darkness fell and they grew hungry, the boys, ranging in age from 8 to 13, broke into a fruit store. Then they smashed some windows in a used-car lot. Suddenly they came upon a parked automobile with the key still in the ignition, and with a 12-year-old at the wheel they started west across the Tehachapi

Mountains. After careening 20 miles they side-swiped a truck, blew out two tires and had to abandon the car. But luck was with them: they found another in a rancher's garage. One hundred and four hair-raising miles later, near Los Angeles, their new car skidded into a soft shoulder and the boys were forced to leave that one, too. In a matter of minutes, they picked up another, but this time the owner, awakened by the noise, called the police.

At 95 mph the boys' auto and two pursuing

radio cars roared onto Los Angeles' Sepulveda Boulevard. Finally the cops, who had noted that the occupants of the fleeing car all seemed to be hunched far down in their seats, opened fire. After 11 shots (see bullet holes in trunk) their target hit a dip in the road, rocked up on two wheels and screeched to a stop. The police approached warily, guns drawn against what they fully expected was a carload of adult desperadoes. Out popped the unhurt and tousle-headed members of the Billy Goat Acres Mob.

A LIFE OF REBUILDING THE WRECKAGE OF WAR

She was born on the wooded estate her family had recently acquired on the Hudson, and despite the depression that was also ushered in that summer—which was 1873—it was a great time for her to come into the world. Her father, John Pierpont Morgan, was 36 and well on his way to becoming a financial giant. Her country, eight years recovered from its bloodletting of the Civil War, had 40 million souls and was expanding into a colossus as fast as its inventors, enterprisers and investors could push away the frontiers. For Anne Morgan, christened Annie Tracy after her mother's pretty sister, there was never any doubt about her secure place in the world that her father, along with the Goulds and Vanderbilts and Carnegies, was helping to fashion. A serious, dark-haired girl with a face that was to grow as strong as his, she quickly

got her bearings. From age 3 when the family first took her abroad, she was equally at home at Dover House, their English country home, or the Bristol Hotel, their Paris stopping place, or their chartered steamers on the Nile. Whenever they came home she knew, as a matter of course, that the Morgan yacht *Corsair* would steam down New York harbor to escort their incoming liner to its pier. From childhood her dresses were designed by Worth of Paris. In time she inherited \$3 million from her father.

She could take for granted the position and possessions that many people spend their lifetimes pursuing and she spent her own lifetime in the pursuit of good works. With the energy and passion for orderliness that old J.P. lavished on the creation of such monuments as U.S. Steel, his daughter organized clubs for working

girls, helped found the exclusive Colony Club for Women and launched the ramified American Woman's Association. ("But," she once said through a cloud of Turkish cigaret smoke, "I am not a feminist—not for 3¢.") A strapping woman with a commanding presence and a low, authoritative voice, she was not exclusively a crusader, either: she liked to grow prize delphiniums, and once contended for the national championship at the game of Camelot.

In 1917 Anne Morgan started the American Friends of France. It began with a handgorelling bee in the Villa Trianon at Versailles and eventually rolled up \$5 million worth of food, medical aid and rebuilding projects in scores of flattened French villages. Some \$75,000 of it she garnered by turning boxing promoter, to stage the 1921 fight between Lightweights Benny



FOUR LITTLE MORGANS sat for this portrait about 1877. From left: John Pierpont Jr. ("Jack"), who died in 1943; Anne; Louisa, who married Herbert Satterlee and died in 1946; and Juliet, now Mrs. Morgan Hamilton of New York.



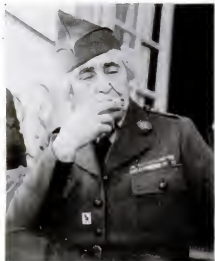
THREE MORGANS went to Washington in 1912 when Anne's father (center) testified before Senate committee studying first income-tax bill. He was flanked by Louisa and J.P. Jr., who took over the bank after father died in Rome in 1913.



IN WORLD WAR I, in France, Anne (standing) and coworker Mrs. Anne Murray Dike wore uniform of the American Committee for Devastated France.



IN WASHINGTON in 1936 Anne went to Senate Munitions Committee hearing with brother, who at an earlier hearing got upset when midjet sat in his lap.



IN WORLD WAR II Anne, back in uniform, aided French civilian evacuees. France rewarded her with both the Croix de Guerre and the Legion of Honor.

Anne Morgan, daughter of J. P. and good friend of France, dies

Leonard and Ritchie Mitchell in the old Madison Square Garden. (Overcoming her inherited distaste for publicity, she let herself be photographed, 'Tex Rickard-fashion, with the fighters, and had the sportswriters in for cocktails at her sumptuous Sutton Place home.)

World War II saw Anne Morgan back in France, where she went through bombings as head of her relief committee, and stayed on to make sure its work would go on during the Nazi occupation. Until 1948 she kept going back in the interest of what had become a life work—tidying up the devastation of war. "I learned long ago I have no creative ability," she said of this career. "I have just the drudging capacity and God made me a very strong animal." Last week in her home at Mount Kisco, N.Y., Anne Morgan, at 78, came to the end of her strength.



IN HER FAVORITE TOWN in France, Blérancourt, she established a museum. Here in 1947 she and the mayor toasted Franco-American friendship.

HER CASKET is carried from St. George's Protestant Episcopal Church in Stuyvesant Square, New York, where four generations of Morgans worshipped.



IN PARIS in 1918 she was photographed with former Ambassador to France Myron T. Herrick, one of several men to whom she was rumored engaged.



AT BROTHER'S FUNERAL in 1943 Anne left church with George Nichols, son-in-law of J.P. Jr. She was then running French relief work from U.S.





UNPERTURBED HOUSEWIFE, Mrs. Letha Stewart, sweeps front porch dry. "This is just a little water," she says. "In 1918 it was in the living room."



FLOOD-PROOF SWITCHBOARD in phone office is hauled out of water's reach on pulleys. Says Wire Chief Martin (left), "You got to outsmart the flood."



BUSINESS DISTRICT OF MARIETTA IS COMPLETELY FLOODED IN PICTURE TAKEN FROM OHIO RIVER

OHIO CITY SHRUGS OFF A FLOOD

Under water 25 times in 50 years, Marietta learns to relax

Last week the flood-prone Ohio River, fed by the heavy January rains, surged over its banks again. In five states along its path one million acres of farmland were under water, 9,000 people were homeless and at least nine were dead.

But in the eastern Ohio town of Marietta, the disaster was greeted with nonchalance and Noah-like practicality. Twenty-five times in the past 50 years the combined waters of the Ohio and the Muskingum rivers have swept high through the city streets and by now the 18,000 Marietta residents were insured to inundation. Muddy water crept into house eekars; factories shut down; the schools closed; bus service stopped; some homes were without gas or

electricity; many telephones went out of commission. At flood crest, water stood seven feet high against boarded-up store windows in the business section. But all this wet just rolled off cheerful Marietta's back. Life went on almost as usual. School children put on their new Christmas boots and romped in the puddles. Grow-ups settled back to enjoy the flood-enforced holiday. There were, for once, no drunks locked up in the city jail because the mayor, in declaring the existence of a state of emergency, had shut all the liquor stores. When the waters receded, leaving a paltry \$50,000 in damages and no loss in life, the chief of police remarked, "That was the most orderly flood I've ever seen."



PORTAGE down dry street is made by three commuters who carry their canoe to flooded area, paddle across to car parked in dry place, then drive home.



BRIDGE, TREES MARK LINE OF REGULAR BANK



HIGH AND DRY Mayor Hartline looks over the town from hill. He says, "We're all so damned happy here, we can take a flood now and then right in stride."



ROWBOAT EXPRESS carries newsboys delivering *Columbus Dispatch* to their customers. Below: kids splash in enormous puddle left by the receding

waters. Earlier floods had not treated Marietta so happily. One, in 1913, caused \$1 million in damages, washed all bridges and many homes down Ohio River.



CHICAGO 'HERALD-AMERICAN' RAN 'GALLOP POLL' OF LOCAL HORSES



Q. Do you think horseburgers are an improvement over beefburgers, and do you think filly mignon will replace steak? A. Neigh!



Q. How do you like the weather in Chicago? A. It's cold but some of my friends are worse off. They are in deep freeze.



Q. Do you think all young folks should sow their wild oats before marriage? A. (Bridling) Oats? We don't sow 'em brother—we just eat 'em.



Q. You haven't won your last 10 races. What are you going to do now? A. Whoa is me. It's back to the old grind for me, guess.

CHICAGO REBELS AGAINST FILLY DE MIGNON

Its citizens are horrified to discover that they have been the victims of a horseburger racket

The Hog Butcher of the World had a queasy stomach last week. The citizens of Chicago, who are wont to accept with a blasé equanimity their gang wars, blizzards, the smell of the stockyards, their overchlorinated drinking

and sausages to be sold at the price of pure beef (which costs three times as much as horse) in Chicago's restaurants and butcher shops.

In Springfield, Governor Stevenson asked the Food and Dairies Division how come. The Division's chief, a respectable farmer named Charlie Wray, admitted that he had been paid \$3,500 by one Joe Siciliano to "take it easy" on the horsemeat trade. Wray was fired, along with nine inspectors who balked at lie-detector tests. Siciliano was a partner in the Lake County Packing Company near Lake Zurich, a region

citizens concealed their nervousness with peptic puns. We have been eating chili con filly, said State's Attorney John Boyle. The *Herald-American*, in addition to polling the most immediately interested parties (top), ran menus



SICILIANO'S TINY PLANT PACKED TONS OF HORSE

water, were shaken to their vitals by some news about their virtuals.

An investigation by the OPS revealed that several small, shabby-looking packing plants were processing a huge quantity of horsemeat. Raids disclosed that much of the meat, instead



OPS DIRECTOR HOWLETT BROKE THE SCANDAL

which one official estimated has sold 4.5 million pounds of 40%-horse hamburger to Chicago.

As the investigations continued it began to look as if all the ground meat in the city had an equine taint. Even the famous Blackhawk restaurant had to close down temporarily when health inspectors found it serving (in all innocence) horseburgers under the name of beef. No one had noticed anything wrong with the taste of the meat, and most of the adulterators were driven out of the market when the publicity broke. But sales of hamburger dropped as much as 50% and led to a rash of reassuring ads. Some



DRUGSTORE ANXIOUSLY REASSURED PATRONS

featuring colt cuts and porterhorse steak, followed by a pony of brandy.

On a more serious level, investigators hinted that the horseburger racket was a multimillion-dollar affair built on bribery of inspectors and on violence. They remembered that at least one



HORSEMEAT WAS FOUND IN A CHILI FACTORY

of following its normal course into dog-and-cat food, to zoos and to the single Chicago store authorized to sell it for human consumption, was being mixed with beef to make hamburgers



SNACK BAR REFUSED HORSEMEAT, WAS BOMBED

restaurateur had been bombed last summer for not buying horsemeat, one key figure had mysteriously disappeared and another had been killed in a horse-looking automobile accident.

DISCRIMINATING PEOPLE PREFER HERBERT TAREYTON



MR. HARTLEY RAMSAY, popular young socialite and winter sports enthusiast. Discriminating in his choice of cigarettes, Mr. Ramsay says: "I smoke Herbert Tareyton because no other cigarette offers a cork tip, extra length and such really mild tobacco."

Discriminating people prefer Herbert Tareyton. They appreciate the kind of smoking that only fine tobacco and a genuine cork tip can give. The cork tip doesn't stick to the lips . . . it's clean and firm. And discriminating people prefer Herbert Tareyton because their modern size not only means a longer, cooler smoke, but that extra measure of fine tobacco makes Herbert Tareyton today's most unusual cigarette value.



T H E R E ' S S O M E T H I N G A B O U T T H E M Y O U ' L L L I K E

© 1954, The American Tobacco Company



Warm reception. In really cold weather, a drink that's most warming and satisfying is a hot toddy made with Four Roses. So many people prefer Four Roses that it outsells every other whiskey at or above its price—even outsells most other whiskeys at any price.

Wouldn't you
rather drink
Four Roses



Frankfort Distillers Corporation, New York. Blended whiskey. 86.8 proof. 60% grain neutral spirits.



FIRST APPEARANCE on Broadway stage was in 1890 as Cupid in *Pippin*.



IN HER 40s Fannie (with daughter Dorothy) reports loss of costly gowns.



IN HER 70s Fannie and second husband, Jack Dean, appear at a preview.

YOUTH RUNS OUT AFTER 80

Fannie Ward, America's eternal flapper, is dead

Like many women beautiful in their youth, Fannie Ward was not very truthful about her age. In 1913 she said she was 30 although she had once admitted being born in 1872—by which date, friends figured, she must have been at least 5. But Fannie Ward could get away with it because she never seemed to grow old. At 45 she was believable on stage as a girl of 14. At 60 her legs were slim and handsome. As late as this year (below) her face retained an unbelievable baby softness.

A St. Louis girl, Miss Ward had won some fame as a stage comedienne before she married wealthy "Diamond" Joe Lewis, a London money lender, in 1898. She kept in the public eye by periodically announcing "thefts" of her valuables. Denying she had ever undergone plastic surgery, the "eternal flapper" attributed her perennial youthfulness to everything from Siberian face masks to marrying a young husband. Her second, after she divorced Lewis, was seven years her junior. She outlived both husbands, and her only daughter, Dorothy, who married Lord Plunket, was killed in an air crash in 1938. Last week Fannie Ward died in New York. She had admitted to 79. Probably she was 84.



IN HER 50s Fannie displays legs, announcing "theft" of \$40,000 necklace.



IN HER 60s Fannie arrives in England to join grandchildren.



IN HER 80s at El Morocco New Year's party this year, Fannie sits with socialite Mrs. Frank C. Henderson. Three weeks later she collapsed at home.

Torture My Stomach
with Baking Soda?

NEVER
AGAIN!



Tums contain no soda. Cannot over-alkalize or cause acid rebound. Tums don't irritate delicate stomach or intestinal lining. At the first sign of acid indigestion—gas, heartburn—take one or two Tums like candy mints. Almost instantly Tums neutralize excess acid... soothe and settle upset stomach.



GUARANTEED
TO CONTAIN NO SODA

FOR THE
TUMMY

✓ TRY ONE OR TWO TUMS AFTER BREAKFAST
SEE IF YOU DON'T FEEL BETTER

Bite's Out



NOW—
MORE
TOBACCO
IN EVERY
TINI!

Pleasure's In!

For real pipe-smoking comfort—try crimp cut Prince Albert! It's specially treated by a patented "No-Bite" process to insure against tongue bite. Makes a tasty "makin'" cigarette, too!



MORE MEN SMOKE

Prince Albert

THAN ANY OTHER
TOBACCO

©Patented January 30, 1937

CROSLEY



NEVER BEFORE SUCH PERFORMANCE... NEVER BEFORE SUCH BEAUTIFUL STYLING

The Lillian Russell. Authentic. Foreplay console in lustrous mahogany veneer with contrasting inlay. Superb 17-inch television. Room setting above by W. & J. Sloan, N. Y.

For you... the clearest, brightest pictures in all TV

with CROSLEY *Automatic* TELEVISION

Now, you can enjoy television at its finest—*Automatic* television. Yes, the great new Crosley is so automatic that just a turn of your hand tunes it. From there on, your Crosley *automatically* makes all the adjustments, *automatically* brings in unsurpassed reception on all your channels. No constant readjustments, no "fiddling" with controls.

Heart of this superb performance is the Crosley *Automatic Chassis*! Super-engineered with five major automatic circuit controls, it delivers Crosley's famed *Permaclear Picture automatically*—the sharpest, brightest, clearest picture you ever saw.

All this is yours with breath-taking beauty, too. Cabinets authentically styled—in traditional and modern designs, with striking woods, to fit your particular room setting, to add graciousness to your home.

See television's outstanding performance, and television's outstanding furniture styling at your Crosley Dealer's. You will agree, we believe—*there's no finer television at any price!*

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Television • Radios • Stereophones • Refrigerators • Dishwashers • Freezers • Sinks • Electric Ranges • Food Waste Disposers • Electric Water Heaters • Small Kitchen Cabinets

5 WAYS *Automatic*

1. **Automatic "Power Control"**—boosts the signal for "fading areas" to bring in distant stations clear and strong... levels off to prevent overloading when close to stations.
2. **Automatic Picture Lock**—keeps picture steady, prevents "tumbling."
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4. **Automatic Antenna Selector**—selects the right element of its built-in dual antenna to give best pictures on any channel.
5. **Automatic Unituner**—tunes the sound as it tunes the picture... when the picture is right, the sound is right—*automatically*.

CROSLEY SETS THE PACE
IN TELEVISION



25 MODELS PRICED
FOR EVERY FAMILY'S BUDGET



A PRIZE-WINNING AUTHOR DEFENDS SOME FOUR-LETTER WORDS

Three fine gold plaques were presented to three fine authors in New York last week when Marianne Moore (left), James Jones (center) and Rachel Carson lined up to receive the National Book Awards for the most distinguished work of 1951. One went to Miss Moore for her *Collected Poems*.

A second went to Miss Carson for her best-seller *The Sea Around Us*. The third went to Jones for his novel *From Here to Eternity*. Accused of using vulgar words in his Army story, Jones defended himself (above) with "You can't have a tough master sergeant go around saying 'gee whiz!'"



A FUND-RAISING MAYOR BABY-SITS FOR SIX LITTLE GIRLS

The mayor of Omaha, Glenn Cunningham, spent an evening recently as his city's highest-priced baby sitter. As part of the March of Dimes drive he had auctioned himself over the local TV station and had been knocked down for \$20 to Mr. and Mrs. Ed Morgan. The mayor earned the money,

as the picture indicates, but it was pretty much like an evening at home; he has four kids himself and three of the Morgans' six little girls were already in bed when he arrived. The public apparently appreciated his talents. The most they bid for six city commissioners was \$36.50 for the lot.

Only one piano player in the family, but... we all play the Solovox!



We bought Susan a Solovox to perk up her interest in the piano. Now she plays more than ever... and her Solovox arrangements are *super!*

Jack learned by ear. He knows dozens of Solovox effects—sax, organ, violin, clarinet—and many others!



Friend husband hadn't touched the piano in years. Now he's playing again, and those old favorites sound swell with the Solovox!

Guest who teams up with him on duets? *Me.* Never took a lesson in my life, but I can do wonders on the Solovox!

- Solovox* makes you a music-maker. You don't need lessons or experience... just sit down and play!
- Easily attached to your piano. Won't mar finish or affect playing of piano alone. Plugs into electric outlet.
- Pianist can play left-hand accompaniment, add an amazing variety of beautiful instrumental effects with the right hand.
- Wonderful family entertainment—where else can you find so much music in one solo instrument? Easy terms. See your piano dealer for a play-it-yourself demonstration. Or mail coupon now for full details.

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Made by the makers of the Hammond Organ



Hammond Instrument Company,
4240 W. Diversey Ave., Chicago 39, Illinois
Without obligation, please send full information
about the Solovox.

Name

Address

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☐ Check, if you also wish full details about the
Hammond Organ. *U. S. Pat. Reg. U. S. Pat. Off.
© 1951, Hammond Instrument Company



A GENERAL BUTTERS UP A CALIPH IN SPAIN

Hands on hips, smiling and mellowed by a fine day's sport, General Francisco Franco paused in the mountains north of Madrid recently with a guest who had helped bag 30 deer. The guest (hands behind back) was

Muley Ben Hassan, Caliph of Spanish Morocco. If his conferences with Franco were successful as the unit, the Spanish—unlike the British and French—could look with confidence to future relations with North Africa.



A MINER FIGHTS WITH A SENATOR IN WASHINGTON

Tough, tufted John L. Lewis was in a sour mood last week as he confronted a Senate committee which, prompted by the West Frankfort, Ill. disaster (LIFE, Jan. 7), is discussing mine-safety laws. The Taft-Hartley "slave act," said Lewis, was one of the troubles—it made men work in unsafe mines. This irritated Senator Taft. Lewis' theory, he said, was a "red herring" and "absolutely untrue." Lewis said the Senator had

seen fit to "challenge my veracity in his earlier hit-and-run statement." "I did not say anything of the kind," retorted Taft. Lewis said the act permitted employers to sue unfairly. They wouldn't have "the chance of a snowball in hell" of collecting, said Taft, adding that Lewis seemed to think unions should be exempt from suit. "Half-baked," snorted Lewis at this conclusion. Then, as they have before, the two shook hands and left.

REMEMBER
VALENTINE'S DAY
FEB. 14th

*He remembered...
and any girl loves
any man for that!
Why don't you?*

Elizabeth Taylor

Whitman's
CHOCOLATES



**WHITMAN'S
HEART BOXES**

Never before have
Whitman's offered
such a fascinating array
— in a choice of colors,
some gilt-edged, all richly be-
ribboned in satin. Choose one
to suit her taste and your purse.

THE FAMOUS WHITMAN'S SAMPLER

The world's best-liked box of candy—especially
ribboned and decorated for St. Valentine's Day.

1 lb. \$2.00 2 lb. \$4.00

ELIZABETH TAYLOR
co-starring in
"IVANHOE"

An M-G-M Production
Color by Technicolor

A WOMAN NEVER FORGETS THE MAN WHO REMEMBERS

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SWISS STEAK

with a delicious AMERICAN ACCENT!



SIMMER IT WITH→



SWISS STEAK—Hunt Style

Mother, your family's gonna love you for fixing this mouth-watering dish!...

The tantalizing flavor accent comes from the spicy, all-tomato goodness of Hunt's Tomato Sauce. That's the cooking sauce that's kettle-simmered for richness. It's really delicious!

So many folks prefer Hunt's Tomato Sauce that it's America's largest-selling brand! Do get some and try this recipe:

1 medium-sized onion, sliced
3 tbsp. chopped green pepper 3 tbsp. fat

In a heavy skillet, cook onion and green pepper in the fat until tender. Then take:

1½ lbs. beef (round, chuck, rump)

Pound flour into the beef with the edge of a heavy plate. Brown meat on both sides in the fat. Then add:

1 can Hunt's Tomato Sauce
1 cup water 1 tsp. Worcestershire sauce
1½ tsp. salt ¼ tsp. pepper

Cover and let simmer about 1½ hours or till tender. Then!...

Serve 4 people delicious helpings of Swiss Steak that'll do you proud! It's perfect with nice fluffy rice.

Keep several cans of Hunt's on hand. For stews, soups, roasts, casseroles, leftovers. Costs but a few cents a can.

For breakfast or dessert...
HUNT'S HEAVENLY PEACHES



Hunt—for the best

Hunt Foods, Inc., Fullerton, California



SHINING HONORS FOR A HERO

City of Light mourns De Lattre

How deeply France felt the death of General Jean de Lattre de Tassigny (*LIFE*, Jan. 29) was revealed brilliantly in the shining beauty of the mourning worn by these three Paris landmarks. The body first rested in the darkened Invalides chapel, in the building that houses Napoleon's tomb. As 45,000 mourners filed by, floodlights etched the cross, two huge draped flags and the general's catafalque, which was covered with the tricolor and flanked by a rigid honor guard. Next the casket was borne to the Arch of Triumph, where President Auriol presented the baton of a Marshal of France. Finally, over glistening wet boulevards, the body was taken to the Cathedral of Notre Dame. Lights within the medieval cathedral beamed a bright tricolor through its circular stained-glass window in a glowing salute to a fallen hero.



IN INVALIDES CHAPEL GENERAL'S 43 CUSHION-BORNE MEDALS ADORN HIS TRICOLORED CATAFALQUE

AT ARCH OF TRIUMPH DE LATTRE LIES IN STATE BEHEATH A SEARCHLIGHT



AT NOTRE DAME ROSE WINDOW FORMS TRICOLOR AS BIER RESTS OUTSIDE



really
light!



New thousands enjoy the King of Blends

Any way you look at it—King brings you finer, *lighter* flavor—for extra smoothness and mildness in your favorite drink! Actually *taste-engineered* for the thousands who prefer a really light whisky! Enjoy it today!

BLENDED WHISKY, THE STRAIGHT WHISKIES IN THIS PRODUCT ARE 4 YEARS OR MORE OLD. 37½% STRAIGHT WHISKIES, 62½% GRAIN NEUTRAL SPIRITS. 86 PROOF.

BROWN-FORMAN DISTILLERS CORPORATION • AT LOUISVILLE IN KENTUCKY

KING

A BANK CLOSES AND PAYS IN FULL

After 44 years of solid solvency, president decides to go fishing

For 44 years the bank in Greenwood, a community of 300 in the northwestern corner of Florida, has been as reliable as the U.S. Mint. By steadfast conservatism the bank has survived bad mortgages, depression and a fire which wiped out all but the main vault. It was more like a community stocking than a bank; a farmer unable to get to town would just hand his money to a passing neighbor and say, "Here, put this in the bank for me." For those who needed loans, character was often collateral enough.

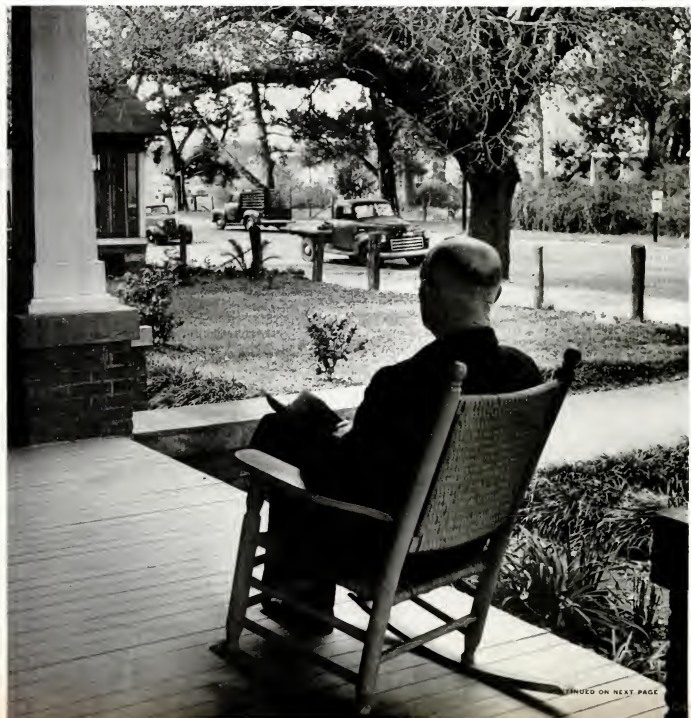
In spite of its solidity (resources: \$360,833.16, deposit liability: \$308,224.13), the Bank of Greenwood had never made much money for

its stockholders. Because of this and also because he wanted to devote more time to fishing, President Robert Allen Willis II (below), 60, recently decided to pay off his depositors in full and close. Several Greenwood businessmen and storekeepers, afraid of losing customers who would have to do their banking in a nearby town, offered to buy up the charter. But Willis, whose father had started the bank, pridefully refused to sell. Depositors began ruefully dropping around to draw out their money and a few loose ends turned up. It developed that the bank president's son had an overdraft of \$24.96 and the Methodist Sunday school was overdrawn \$6.



PRESIDENT WILLIS STANDS ALONE IN HIS BANK

AFTER HIS BANK HAS CLOSED AT 3 P.M., PRESIDENT ROBERT ALLEN WILLIS ENJOYS BANKERS' HOURS ROCKING ON THE PORCH OF HIS GREENWOOD, FLA. HOME



RENUED ON NEXT PAGE

only the revolutionary, new
Van Heusen *CENTURY* Shirt
 has the patented soft collar that
 perspiration won't wilt
 laundering won't hurt
 and **won't**
 wrinkle...
 ever!



The soft collar is wrinkle-proof for life, no matter how often you wear it... or how it's packed or ironed. Perspiration can't possibly wilt it! The soft collar keeps its "just laundered" look without starch or stays... no matter how hot or humid the day. Feels handkerchief-soft, too. Laundering will never hurt it! You couldn't iron a wrinkle into the soft collar, even if you tried! Woven-in "fold line". Regular or spread collars. Tie shown: new Van Heusen Century Polka Dot, \$1.50

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CENTURY shirts

white \$3.95, \$4.95; colors \$3.95

A new shirt free if your Van Heusen shrinks out of shape!
 Phillips-Jones Corp., New York 1, N. Y.

Makers of Van Heusen Shirts • Sport Shirts • Ties • Pajamas • Handkerchiefs • Underwear • Suits • Collars

Bank CONTINUED



DIRECTORS who voted with Willis in decision to close are mother (left), two sisters. Absent and abstaining was cashier, only nonfamily stockholder.



DEPOSITORS who wanted bank to remain open discuss purchasing charter. Turned down by Willis, they are now considering applying for new charter.



CASH FUNDS are checked by President Willis in main vault. More than half of 600 depositors have collected money, rest will get theirs before March 1.

CONTINUED ON PAGE 48



What does it take to make a happy baby cry?

Mother knows the answer. Happy, healthy babies seldom cry. But *all* babies cry when they want or need something!

Usually, they cry loudest when they are uncomfortable. It's their way of saying: "I'm unhappy—come quickly!"

No one likes to hear a baby cry. So parents try to remedy the causes of discomfort. For example, on chilly days, they often pre-warm the bathroom where baby is bathed. And take special precautions to see that baby's bedroom is kept at an even, comfortable temperature.

But even these extra measures can be avoided. And in your home, too! For, if any of your rooms are uncomfortable, because of a heating problem, a simple adjustment of your heating system may correct the condition.

In many cases, a new Honeywell thermostat is all that is required! It's an instrument so sensitive it can bring you an almost constant flow of heat—metered to your exact needs. And the cost is surprisingly small... actually less than 2¢ a day, figured over its lifetime!

Phone your heating dealer now. You'll find his

name in your classified phone directory. Ask him about the latest heating developments and newest Honeywell controls. Or mail the coupon below.

And remember—whether you modernize your present heating system or install a new one, we think you'll be glad you insisted on Honeywell controls!

MINNEAPOLIS
Honeywell

First in Controls



*Turns heat down at night,
up in the morning—automatically!*

This Honeywell Electric Clock Thermostat makes your heating *completely* automatic. And it's the most sensitive thermostat of its type—keeps room temperatures uniform—no matter how the weather changes.



*Provides automatic
morning pick-up*

Set the Honeywell Time-O-Stat for the morning pick-up time and temperature you want—sleep in cool, healthful rooms; wake up in a warm, comfortable home.

Minneapolis-Honeywell Regulator Co.,
2847 Fourth Ave. South, Minneapolis 8, Minnesota

Please send me a free copy of "HOW TO MODERNIZE FOR COMFORT," which includes facts on Electric Clock Thermostat, Time-O-Stat and items below.

ELECTRONIC MODUFLOW. The magic sensitivity of *resistance* matches heat requirements to the weather changes, and keeps your home comfortable at all times.

ZONE CONTROL. The wonderful new way to provide comfort in the various heating areas of ranch-type and larger homes.



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of America's Men

(and of their ladies, too!)



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THEY WEAR LONGER!

THEY LAUNDER BETTER!

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No two ways about it—Lee is your best buy in work clothes! "Tailored Sizes" give you better fit and neater appearance... rugged, exclusive Lee fabrics assure more wear from every

pair. And you benefit, too, from "Hidden Quality" features—extra advantages you may not notice until you've worn Lee Work Clothes. Buy them at leading stores coast to coast!



There's a LEE for Every Job!

Overalls • Overall Jackets • Dungarees • Lee Riders (Cowboy Pants and Jackets) • Matched Shirts and Pants • Union-Alls

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WORLD'S LARGEST MANUFACTURER OF UNION-MADE WORK CLOTHES



SAVINGS in tin box are carried out of vault by depositor. Bank originally had safe-deposit boxes but decided service charges were too high for clients.



BANK is in this brick building built after the original construction burned down in 1920. The bank in neighboring Malone is only 10 minutes away by car.



AT END OF DAY President Willis closes up the bank. "No matter what people think, these really aren't good times," he says. "I'm old and worn out."

Now there's another NEW Pillsbury Cake Mix...

Golden Yellow

Now it's no trick at all to distinguish yourself with a real old-fashioned yellow cake that's delicately flavored, rich and fine-grained, light and tender every time. This new cake mix (like Pillsbury White and Chocolate

Fudge) has just the right amount of flour, sugar, shortening, eggs—everything you need except the milk. That's all you add. How about surprising your family with a fine old-fashioned yellow cake like this...tonight?



*You and Ann Pillsbury
can make a great team.*

Pillsbury CAKE MIXES

WHITE . . . CHOCOLATE FUDGE . . . GOLDEN YELLOW

NOW THERE ARE THREE

Elegant White... Rich Chocolate Fudge
...The New Golden Yellow



Milk is all you add

Just add milk. No eggs, flavoring or extras of any kind required. These are complete mixes.

Watch For These Stars Of The Food World At



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You Know They're
Good Because
They're
HEINZ



LISTEN TO "OZZIE AND HARRIET" FRIDAY EVENINGS OVER ABC

Watch for their new motion picture, "Here Come The Nelsons",
appearing at your local theater soon.



Your Grocer's!

HEINZ VALUES

Watch For These Great Flavor Bargains At Your Grocer's! Famed For Quality, Thrift And Old-Fashioned Good Eating, Heinz 57 Varieties Help You Serve Nourishing All-Star Meals At Low Cost!

IF YOU BELIEVE your family deserves the *best* meals you can serve—yet want to save time and money—you'll welcome *this* good news! Grocers everywhere are featuring Heinz All-Star Values—*America's greatest flavor bargains!* Look for Heinz Condensed Soups at today's low prices. Also enjoy Heinz Oven-Baked Beans and Heinz Cooked Spaghetti. Get Heinz Tomato Ketchup and Heinz Pickles to dress up economy meals—Heinz Vinegars for sparkling salads. And don't forget Heinz Baby Foods—Pre-cooked Cereals, Strained and Junior Foods. Watch for Heinz All-Star Values at your grocer's! Eat better by serving *Heinz*—the quality foods that cost no more!



Remember?

Ah-h-h, the candy Mother used to make!
Remember that smell of hot chocolate
cooking? Remember the thrill of waiting
to "lick-the-pan"?

Your first bite of a Welch's Coconut Bar
will bring back memories of the exciting
taste... the wonderful, heavenly aroma
when Mother made candy.



WHENEVER YOU THINK, "M-m-m
I'd like something g-o-o-d..."

REACH FOR...



A product of the James O. **Welch** Company, Cambridge, Massachusetts



ON GREAT ABACO ISLAND IN THE BAHAMAS, MAJOR EVANS BRIEFS INHABITANTS IN THE WEAPON WHICH PERIODICALLY WHIZZES HIGH OVER THEIR HEADS

'GUIDED MISSILE, IT'S WONDERFUL'

Bahamian islanders along firing range get a course in complex ultramodern war

by BILL BRINKLEY

SOME of the world's better-informed citizens on guided missiles are to be found these days on the isolated islands that make up the western ring of the Bahamas. Many of the residents of these islands can neither read nor write; yet they could probably tell the average American a thing or two about the weapons of tomorrow. This astonishing state of affairs has come about through an unusual new program of the U.S. Air Force.

For some time now the Air Force missile test center at Cocoa, Fla. has been shooting its missiles over a range extending from Cape Canaveral down through the Bahamas. In the belief that a man with a guided missile flying over him has a right to know about it, the Air Force has gone into the traveling

lecture business to tell the natives, mostly fishermen and farmers, what exactly is going on. Incidentally, it also offers them rewards for finding a stray missile, with the admonition, "If you see a guided missile floating on the water, tie a rope around it and bring it in. If you see a guided missile lying on the bottom of the sea, go tell your school-teacher and we'll come after it—and pay you a reward."

To date a team consisting of a major and a sergeant has done its stint—complete with intricate charts and a model missile which actually flies—in a banana field, on palm-fringed beaches, in gas-lamplighted schoolhouses and on crawfish scows. The lecture undertakes to brief the islanders, some of whom have never seen an automobile, on

everything from Newton's third law of motion to the complicated missiles themselves. No one can accurately say how much of the 45-minute spiel sinks in. Nevertheless there is evidence that the natives are getting the main pitch and are also getting their fears allayed.

Chief missile missionary is Major Bradford Evans, an open-mannered 33-year-old man who in the course of his present assignment has developed a keen affection for the gentle islanders. Major Evans is suited for the job right down to having a passionate love for green bananas, probably, he says, from being denied green fruit as a child. Stalks of the still-verdant fruit are presented to him from time to time by the natives in gratitude for their missile education, and the major



CURIOS KIDS on Current Island, who were scared at first even to go near the major's model of the missile, were finally persuaded to give it a cautious once-over.



STARTLED GROWN-UPS, in a schoolhouse on Northern Eleuthera, giggle and gape at model which, propelled by CO₂ tube, zips along a cable spluttering exhaust.

GUIDED MISSILE CONTINUED

has as yet been unable to keep his hands off a single banana long enough to let it ripen. This makes it difficult for M/Sgt. Philip McGeoghan, who is Evans' Man Friday. In order to have a banana at the stage of ripeness he himself prefers, McGeoghan is obliged to inscribe his name in ink on a few green ones. McGeoghan, incidentally, is a happily apt accident in military personnel selection. The sergeant is a man fond of children (he has five of his own), and before a lecture he settles the nerves of the native youngsters by teaching them rock-juggling games.

Last month the "Down Range Relations Program" touched at 15 out-island villages as Evans and McGeoghan cruised about in a Bahamian-skippered 50-foot boat. First stop was Little Bay, an all-Negro village on Current Island. A choppy sea kept the boat from wharfing, and team and equipment—a heavy chart case and a box carrying the model missile and a tennis ball—went ashore in a dinghy manned by two natives, one sculling and one bailing. Polite though damp, the major explained his mission to the three or four men who had come down to greet him, calling him "Boss." The major has always been warmly welcomed by the natives, who, until he steps ashore and tells them, do not even know he is coming, much less what for. They always insist on carrying his equipment, and at one settlement even insisted on carrying him. At Little Bay runners were promptly dispatched to round up the villagers for some big doings. In a half hour some 50 were cautiously assembling at the juncture of the schoolhouse and the Methodist church. Evans set up his charts and sounded off, simultaneously raising his pointer to a chart. His pitch, with much interpolation on technical matters about the missile and its little helpers, went like this:

"Since we're using your islands, we feel that you are entitled to know what is being done. The reason we're building guided missiles is that we want to have the best if war comes. The main thing we want you to know is that the guided missile is safe. We're spending more time and money on safety than on anything else in the guided-missile project. Now a guided missile is very much like an airplane except that it has no pilot. Also, an airplane has a propeller, like your boats have, but the missile has no propeller. The missile uses jet propulsion. At the end of this lecture I'll show you just how jet propulsion works. The missile in my hand actually flies and will show you. The gas comes out here [picking up missile and pointing to the hole in the tail] and you can hear it—that's what happens in a guided missile.

"Watch for Polly"

I WANT to spend some time telling you about radar. Radar is very important in flying guided missiles. Radar enables us to keep track of the missile. Radar tells where it is, how high it is, how fast it's going and where it's going. Radar looks like a big dish. Radar is very complicated. I don't understand it myself. But [he picks up the tennis ball] it operates like this. You send out a signal. The signal hits the missile. The signal bounces back. Just like a rubber ball does. [He bounces the ball against the ground and it comes back to his hand.] That way, through radar, we know where the missile is at all times. The missiles we use carry no explosives. If war comes they will, but they don't now. Also, we have a boss man in control of the missile at all times. Any time the boss man doesn't like the way the missile is behaving he just presses a button and the missile blows up—we do have tiny pieces of explosive in it for that—and the missile falls into the sea. Now before we fire a missile we clear the range. Get everybody out of the way, so they'll be safe. Some day you may be out in your boat fishing and see a big plane fly over you. Don't be afraid. The plane will speak to you, through a big loudspeaker system. We call it a Polly plane. Polly the parrot. Polly will tell you what course to go to avoid the missile. Then, just to make sure, Polly will fly away in the direction your boat should go.

"Now here is a way you can help us. If you should be out in your boat fishing and see a missile which has fallen into the sea and the missile is floating, put a rope around it and bring it in—the missile will not hurt you. If you see a missile lying on the bottom of the sea, tell your schoolteacher and we will send some of our own men after it. We will pay you a reward for finding a guided missile."

As Evans flipped his charts, the natives became anxious to let him know they were getting the word. Turning to one chart headed **TRAJECTORY DATA IS OBTAINED BY RADAR AND OPTICAL TRACKING**, he was outlining a number of technical details on these subjects when he was encouragingly interrupted by murmurs of "That's right! That's right!"

Proceeding to another chart captioned, **PERFORMANCE DATA IS OBTAINED BY TELEMETRY**, the major explained, before faces that were classic studies in concentration, that telemetry meant just

CONTINUED ON PAGE 34



Teacher's pets . . . clothes made of Acetate, the beauty fiber

(pronounced Assel-tate)

There's a new word in the fashion world. It's Acetate, the beauty fiber. More and more busy women are discovering how beautiful and practical acetate fabrics are in all kinds of clothes. Beautiful, because acetate fabrics look so lovely, drape so gracefully. Practical because they tend to stay fresh-looking throughout the busiest day; wrinkles seem to fade right out . . . dramatically illustrated in this jersey dress.

WHAT IS ACETATE? Acetate is the man-made textile fiber, cellulose acetate, pioneered by Celanese Corporation of America. Acetate has a unique combination of characteristics that make fabrics wonderfully soft and comfortable. You will find acetate fabrics in all kinds of beautiful suits, lingerie, sportswear, dresses and evening gowns.

ACETATE FABRICS —
Look lovely—feel wonderful
Drape gracefully
Help wrinkle recovery
Launder easily—dry quickly
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ACETATE KEEPS ITS JUST-PRESSED LOOK. The pride of your wardrobe . . . an acetate blend suit . . . because it stays neat and crisp, looks so lovely. Springy acetate fibers help keep fabrics fresh-looking. Ordinary soil and surface stains are easily removed.



ACETATE FEELS WONDERFUL. You've never known anything like the smooth, pleasant feeling of a fabric made of acetate. Clothes made of acetate fabrics are so comfortable to relax in.



ACETATE DRIES QUICKLY. If you're short on time, it's acetate for you. Your acetate lingerie will rinse out in no time. Just a whisk through the suds, a blot with a towel and they're dry in a matter of minutes.

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Over all other razors... all
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our own old blades!

HERE IT IS—the champ of razors—picked in national tests! And no wonder, because it's the world's only razor with all these advantages:

Blades change automatically—"look" at same, precise angle—no twisting, no adjusting!

Lighter weight makes shaving easier! Safety-Bar smooths down skin—tees up whiskers! "Fits" face—under nose, around lips! Uses new scalpel-sharp "Gold Pack" Blades!

*HERE'S THE FULL SHAVING SCORE!

Smother Shaves 5 to 1 Safer Shaves 7 to 1
Cleaner Shaves 5 to 1 Faster Shaves 5 to 1
More Shaves per blade, nearly 2 to 1

*Men in 10 cities—nationwide—compared NEW SCHICK INJECTOR RAZOR and "GOLD PACK" BLADES with whatever they had been using. About 80% of the men had a preference. Of these, the votes were in the ratios shown above.

Either you get the finest shaves of
your life...or your money back quick!



SCHICK INJECTOR RAZOR & BLADES

WATCH SID CAESAR AND IMOGENE COCA—SPONSORED BY EVERSHARP, SATURDAY NIGHT, NBC-TV
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LANDING AT GREAT ABACO. Major Evans keeps his feet dry and protected from sharp coral reef with help of a considerable local craftsman.

GUIDED MISSILE CONTINUED

what it said—"tell me." Carefully he explained the bundle of electronic gear in the missile which told the boss people on the ground what was going on inside it. Then he asked, "Now do you understand telemetry?" And the reassuring chorus came, "Yes, sir! Oh, yes, sir!"

"Actually the guided missile will save a lot of lives and a lot of money," Evans continued. "In the United States we have an airplane that costs \$5 million. That's nearly £2 million in your money, all for a single airplane."

The Major paused briefly while the natives exchanged eye-rolling glances. Then, on the wave of this attention, he drove home an important point:

"But the guided missile costs much less. Also, the guided missile might save lives. One nice thing about the guided missile—if you can say anything's nice in war—is that it is made to destroy specific targets. We hope we never have another war, but in case we do, we are trying to develop a missile that can be sent against a factory or an airfield, not against a whole city, so that a lot of innocent lives will be saved."

"Right, sir!" The natives heartily approved.

Help from Isaac Newton

JUST before firing off his swept-wing, firewagon-red model missile, powered by a CO₂ tube such as is used in Mae West life preservers, Evans gave his pitch on jet propulsion.

"Sir Isaac Newton," he said, "propounded the law that for every action there is a constant and equal reaction. That's what jet propulsion is. The jet goes out of the tail—here—and the missile goes forward. Action and reaction. Like when you jump out of your dinghy and the dinghy goes backward."

At Little Bay, as at most of the villages, the natives were generally more fascinated than fearful when the model missile shot along its cable, hissing its carbon dioxide. Several giggled. Mostly they seemed pretty calm.

In all such crowds, though, there is sure to be one who is impressively disdainful. A prominent figure at the Little Bay stand was a rather fierce-looking, weather-worn man, his eyes bright with suspicion. He stood apart from the crowd, leaning against the schoolhouse and holding firmly to the Collins cutlass that served him as both tool and weapon. He had been summoned from the fields for the lecture. Afterward he was persuaded to come closer only when told the American major would like to see his weapon. Thereupon he walked up and solemnly demonstrated it—in slashing position. The alert Evans seized this opening to educate him on his own more up-to-date weapon. The man, trapped, studied the missile for a full five minutes. He had not uttered a word to anyone since turning up at the lecture. Then, suddenly, his mouth opened: "It's very strange." With that, still gripping his cutlass, he walked away.

CONTINUED ON PAGE 38



HERTZ IS THE ANSWER... If you want to go skiing, or enjoy other winter sports. You can rent a new Chevrolet or other fine car from Hertz in more than 500 cities throughout the United States, Canada, Great Britain, Mexico, Hawaii and Alaska.



HERTZ IS THE ANSWER... If you promised the family a weekend outing, but your own car is in the garage for repairs. You can rent a new car from Hertz for an hour, day, week or as long as you need it.



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Wherever
you go

Whatever
you do

RENT A NEW CAR FROM
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...drive it as your own

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A SPECIFIC RATE EXAMPLE... At the Hertz station in Omaha, Nebraska, 202 North 19th Street, the daily rate is \$4.50, plus 8¢ per mile, including gas, oil and insurance. Thus the total cost for a 30 mile trip is only \$6.90, regardless of how many ride. Rates are lower by the week.

RESERVATIONS... To be sure of a car make a reservation in advance at your local Hertz station. They will reserve a car for local use... or at your destination city. If there is no Hertz station in your home town, request your reservation through the Hertz Rail-Auto or Plane-Auto Travel Plan at the railroad or airline

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FROM HERTZ AS EASY AS



SECRET OF A REALLY DRY MARTINI

Smirnoff

the greatest
name in VODKA



*So smooth
it leaves you
BREATHLESS*

Smirnoff Vodka has been honored for excellence by the courts of old Imperial Russia, Sweden, Italy and Spain. No other Vodka is made by the original closely guarded SMIRNOFF process. No other Vodka has its superbly delicate flavor.

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MADE FROM 100% GRAIN NEUTRAL SPIRITS. STE. PIERRE SMIRNOFF FLS., INC., HARTFORD, CONN.

GUIDED MISSILE CONTINUED

An old man, still not entirely convinced of the argument about safety, asked Evans: "You're not gonna let them come on this island, are you?"

The major assured him we weren't.

As the natives warily gathered around for a close-up of the model missile, one enormous black woman, who had the distinction of having been to the U.S., gave the word to her less sophisticated fellow islanders, "I know U.S. leave no stone unturned protect us Russia!" She voiced a haughty contempt for any unworthy suspicions.

Some of the children were quite frightened, hiding in the schoolhouse and peeking through the windows and around the doorway. Sergeant McGeoghan, experienced in the parental art of improvising games, was a godsend. At some settlements the youngsters took the show as a great lark, but at others it was touch and go. At Blackwood, on Great Abaco, after Evans and McGeoghan had been piggybacked ashore by a Napoleon-hatted man who ceased his crawling to do the job, an outsized and wonderful Negro schoolteacher named Raphaelita dismissed a writing lesson and brought her brood from the classroom to the beach for a lecture on a more advanced subject. Since the older villagers had to walk as much as three miles, some breaking off their work in the fields to attend, the kids had a long wait, and looking at the ominous red gadget made them grow restless. McGeoghan went into action. Using some rocks on the beach, he showed the children how to juggle four at a time. The kids dissolved into happy squeals trying to duplicate the feat. All were at ease when the major started his talk.

A misfire almost disrupted the actual missile demonstration, however. The CO₂ tube abruptly jumped out of the model missile and went hissing, slithering along the ground. Several of the children broke and ran, but the calm Raphaelita saved the situation. "No harm!" she shouted. "Come back, now! I say, come back! No harm!" The children returned and Evans inserted another CO₂ cartridge, which acted properly. Raphaelita, by the way, had her own description for the missile: "It's nice! That's a big thing." At Blackwood Evans and McGeoghan were loaded down with conch shells by the children, who ran down the beach to collect them.

"Nass-aw on missile!"

IN some villages the natives found the guided missile a source of high amusement. This—tinged with awe—was the most commonly encountered reaction. At Lower Bogue, on Northern Eleuthera, when Evans unfolded the mystery to 100 natives clumped under the gas lamps in a schoolhouse, his mention of a speed of 3,600 mph first brought a chorused "Oo-oo-oo," from the natives. The humor of the magic bird assumed preposterous dimensions when the major pointed out that such speed would put you in Nassau (a full day's journey by boat) in a minute and a half. "Sure get you hurry Nass-aw!" one native volunteered, laughing loudly at his own wit. "Don't want go Nass-aw on missile!" his friend topped him. "Nass-aw! Nass-aw on missile!" a couple more took up the giddy chant.

But it was a 6-foot 5-inch black by the name of Benjamin Hudson who bestowed the crowning tribute on the missile. Hudson stood with arms akimbo studying the missile at close range. Then he spread his lips to show a lot of teeth and beamed, "Guided missile, it's wonderful!"

Diplomatic Major Evans has tried to make this verdict universal by shrewdly touching on some political and economic tangents to the missile program. "In building the stations on some of your islands where we put our radar to keep track of the missile and protect you," he would roll along, "we use nothing but native laborers and materials. We wouldn't want to bring in our own labor from the U.S. when we can give you work." The natives rejoiced, "Fine! Yes, sir, fine!"—then proceeded to invite the major to build guided-missile instrumentation stations at their villages.

"Furthermore," the major would proceed to count their blessings, "radar at these stations will be used to warn you fishermen of approaching hurricanes."

"Thank you, Major!" came a shout from the audience as the advantages of guided missiles accrued. At times the missile came close to seeming like a part of the Point Four program.

Some villages had heard scraps about the missile, some not a syllable. Nearly all the islanders were much reassured after the lecture. "It's good to see that you won't have to be afraid," said one. Some who had heard had been scared: "We just didn't know but what it might fall right on top of us." But most knew; in the words of another man: "We all take it the U.S. wouldn't do anything hurt us. U.S. on our side." One islander had a slight mixup as to who it

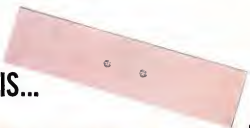
CONTINUED ON PAGE 38

"You can't tell me anything about
BAND-AID Adhesive Bandages.
 I've been using them for years."



"But have you heard
 about the most wonderful
 dressings ever made?
 New **BAND-AID** Plastic Strips!"

HERE
 IT
 IS...



New **BAND-AID** Plastic Strips

TRADE-MARK

... the only dressing with all these advantages!

THIN, SMOOTH PLASTIC

So thin and smooth it
 feels—and looks—
 like a second skin!

ELASTIC

So flexible you hardly
 know you have it on. Most
 comfortable dressing ever.

FLESH-COLORED

The only dressing that
 blends with your skin.
 Hardly shows at all.

WON'T WASH OFF

Completely waterproof.
 Doesn't come loose or get
 soggy. Washes clean, too.

STAYS CLEAN

Plastic surface doesn't
 pick up dirt. Always
 looks clean!

100%
 Sterile



Johnson & Johnson



JAGUAR—COURTESY OF HOFFMAN MOTOR CAR CO., INC.

At last—
nylons a gal can trust!

They're Cannon Nylons—made by the makers of Cannon Towels and Sheets!

Cheer up, my pretties, here are nylons that just *have* to be superfine! They're made by the makers of those famous, feather-soft Cannon percale sheets—and those beautiful, color-conscious Cannon towels!

Superior? Oh yes! In sheerness. In cling-tight fit. (That's because of Cannon's *high-twist* thread.) Always tiptop in fashion, too! For instance...

See Cannon's New Cosmetic Colors!

Shades specially blended for your coloring—to enhance your skin tones! Choose your most flattering Cosmetic Color—at your favorite neighborhood shop.



COPY. 1951. CANNON MILLS, INC.

Cannon Nylon Stockings

CANNON MILLS, INC., NEW YORK, MAKERS OF CANNON TOWELS, SHEETS, BLANKETS, BEDSPREADS



GUIDED MISSILE CONTINUED

was exactly that had the missile. "Thought Russia, not States!" he said, and was heartened to learn it was us firing them over the islands. There was stoic relief after the lecture at Guana Cay, where guided missiles were described in "Gospel Hall," with a picture of Christ as a backdrop for charts on telemetry and missiles, and the people holding Gideon Bibles in their laps. It looked otherworldish under the eerie gas lamps, but some said afterward, if almost grimly, "Now that we know, it's okay."

Men who were positive they had indeed seen the real missile sometimes came to the wharf to interview Evans. At Hopetown a fisherman knew all about it, in fact had seen a guided missile exploding in "a great red ball." Evans attributed these stories to a celestial phenomenon other than guided missiles. In each case, though, he promised an investigation. There was even the story, at one village, of a boat having been damaged by part of a guided missile. One man thought the tracking stations in the Bahamas were to be the targets—the guided missiles to be fired at rather than over the islands. Men showed up carrying part of Air Force weather balloons and inquiring, "This part guided missile?" More and more will pop up as the word spreads that a reward is offered. So far no islander has found part of an actual guided missile but the Air Force reward pot is ready and waiting.

All along the way, the islanders had their own laconic estimates of the new weapon. One man stared at the model missile a spell, then offered a wiser comment than he thought, "It's a fine problem!"

Another, interested in trying to find out how the thing did it, kept poking his finger in the tail and mumbling, "Strange! Some strange!"

Another described the missile with shooshing gestures, "Here she comes—there she goes!"

"Too modern for us!" another said, as if the missile were being offered in the import trade, and he wasn't having any.

"New thing to us in Abaco!" exclaimed a Great Abacoan.

"Nothing like this ever happen Abaco!"

One, shaking his head, said rather ruefully, "It's surprising to see what's turning up now."

About the only outright adverse comment on the missile turned up at Spanish Wells on Russel Island, where a farmer listened, looked, then snapped, "The whole thing's a mystery. Craziest thing I ever heard of!"

Missionary Evans has been a whopping success at his assignment of persuading the native population that guided missiles are fine. An excellent summary of the natives' reaction was furnished by a Negro fisherman who had looked long and thoughtfully at the model missile, "Very nice. Very strange, too. It DO!"

Little Abacoans may not comprehend the complexities of telemetry, radar and jet propulsion, but they get the important point: it's real.



LEAVING LITTLE ABACO, the "boss men" are poled out to their 50-foot launch as they wave farewell to friendly group of missile-educated islanders.

Want a vacation from tiring medical claims?

then we suggest:

For a **TREAT**
instead of a **TREATMENT**
smoke

Old Gold

If you'd like a pleasant change from tests and testimonials, consider this: No other leading cigarette is less irritating, or easier on the throat, or contains less nicotine than Old Gold. This conclusion was established on evidence by the U. S. Government.





● **Hotpoint Home Freezers**—Buy one now and cut your food bills, save shopping time. Pay for it in savings! In 11, 15 and 23 cubic foot sizes.



● **Hotpoint Refrigerators**—Shown is the famous "Super-Stor" combination home freezer and full-size, no-defrost refrigerator. *Out in front with everything—72% of all storage space in finger-tip reach!* Also other styles, sizes.



● **Hotpoint Electric Ranges**—World's first and finest with Calrod® instant heat units plus pushbutton controls. Better baking, cleaner cooking, longer lasting!

Look To Hotpoint

Hotpoint



● **Hotpoint Automatic Washer and Dryer**—Wond-R-Dial Washer washes and rinses with agitator action, spin dries. Revolutionary new matching dryer dries clothes in sun-pure, washed air. Outmodes all other drying methods!



● **Hotpoint Rotary Ironer**—Iron in comfort, sitting down. Big 26-inch, open-end roll. Iron on either end faster and easier. Deluxe cabinet top. Portable model also available.

For The Finest-First!

Electric Appliances

For A Single Appliance... Or A Complete New Kitchen Or Laundry... See Hotpoint For Today's Greatest Work-Saving Values!

HOTPOINT OFFERS YOU all of the modern electric appliances you see on this page, in models and sizes to suit your home. All are custom-matched to make your kitchen and home laundry one of the most beautiful and most efficient in America.

● **Each of these Hotpoint quality appliances** has been designed and perfected by America's foremost kitchen and laundry planning experts. Each one adds to your freedom, because it saves you work and saves you time. In fact, by performing your most time-consuming tasks electrically, Hotpoint appliances save you more than a full working day every week!

● **So whether you are building a new home, remodeling your present kitchen or home laundry, or looking for the best in a single new appliance, choose Hotpoint.** You will be sure of getting today's greatest values, from the world's largest exclusive maker of kitchen and home-laundry work savers. Hotpoint Inc. (A General Electric Affiliate), 5600 W. Erie St., Chicago 44, Ill.

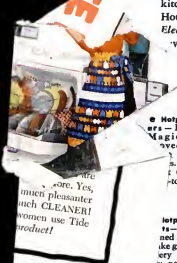
(lers' names, see your classified phone directory.



● **Hotpoint Automatic Dishwasher**—Saves more work and time than all other kitchen appliances combined! Less you banish dishpan drudgery forever for less than 10¢ a day!



● **Hotpoint Disposall**—No more messy garbage! Safe, clean, sanitary, automatic. Fits almost any sink.



● **Hotpoint Water Heaters**—Fully automatic Magic Circle Heat! Proved dependable in use for more than 1,000,000 hours. Available in up to 100 (illustrated) and 100-top models.

Hotpoint Matching Cabinets—Scientifically designed for better storage—the greatest use of space. Every kitchen and laundry need in easy reach. In metal. Gleaming white baked-enamel finish. Counter tops in choice of types and colors.

...ore. Yes, much pleasanter such CLEANER! women use Tide product!

LAUNDRY!

Everybody's Pointing To
Hotpoint
Quality Appliances

RANGES • REFRIGERATORS • DISHWASHERS • DISPOSALLS® • WATER HEATERS • FOOD FREEZERS • AUTOMATIC WASHERS • CLOTHES DRYERS • ROTARY IRONERS • CABINETS

Well worth a second look—it's

A DISHWASHING MIRACLE!



CLEANER DISHES... RING-FREE ...Tide CUTS GREASE AS NO SOAP

1. No greasy water—
No dishpan "ring"!
2. Dishes sparkle—
even without wiping!
3. Kind to hands—
now milder than

Lady, Tide not only gives you cleaner dishes—Tide actually makes dishwashing a clean, pleasant job, instead of a greasy, messy one. It's a miracle the way Tide floats grease off dishes, seems to make grease *disappear*. The dishwater stays so *clean*, and when you pour it out, there's no greasy "ring"... even the dishpan is clean! There's *nothing* like Tide!

It's a miracle the way Tide gets dishes *CLEANER*—more sparkling bright—than any soap of any kind! Tide leaves no soap film to dull or streak them. No need to wipe! Just rinse and let them *drain* dry... and every dish, every glass will simply *gleam*. Talk about *easy*! There isn't another product made that will do the job easier than Tide!

If you hate putting your dishwater—how you'll love stay-clean suds! Those long, kind to hands—milder than Tide makes dishwashing so and easier, gets dishes so. Try it—and see why more than any other dishwashing



ALWAYS BUY TWO...



ONE FOR DISHES...



ONE FOR

Shasta

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29¢ to 39¢
HAM
ALL COLOR



296 10 896

Mr. H. C. G. G. G.

ENRICHED
-ANOLIN-

CHASTA



DISINFECTANT POWDER. Held in hands of a man could drive the campaign.
IS THE
CHAMPAGNE

CHAMPAGNE
THE BOTTLE



COMMERCIAL find that history's spinners of a media war would have, to make the most of the situation, turned the USG's actions upside-down. TV screens glorify, glorify, glorify.



used by feminine phone calls. The Continental's (next page)—is more powerful than ever.

WOOD-PITCHER GETS NETWORK

Doan be uffraid, my darrleeng!

It's only The Continental on TV

For months in Los Angeles, Count Renzo Cesana, a throaty Italian nobleman billed as The Continental, was the greatest feminine pulse-quickener in the West. His televised love-making filled such a vast emotional void that last month he was rewarded with a coast-to-coast

spot (CBS-TV 11:35 p.m., EST):

Starting a ripe line of Latin woo directly at

Ms. Cesana (pronounced but such the camera were to loved an act female to imag- Sounding female ers her audience byn

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Brighten your hair color with sparkle-giving lather

Shasta Cream Shampoo creates glorious, active lather that gives all hair color a dazzling lift.

Not a tint! Not a dye!



BLONDE HAIR GLEAMS with bright gold. For Shasta's rich, active, sparkle-giving lather actually "super" cleans hair. Shasta Cream Shampoo reveals the golden beauty of your blonde tresses, brings out lovely glints.

BRUNETTE HAIR DANCES with dark fire. Shasta's sparkle-giving lather removes color-dulling grime. Leaves hair so clean, your natural color dances through like sunshine streaming through a clean window pane.



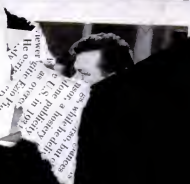
RED HAIR GLOWS with burnished red. The secret is in the sparkle-giving lather of Shasta Cream Shampoo. It lets those eager eyes see the wonderful, super clean hair. Continued.

GRAY, WHITE HAIR SHINES with silver. Yes, Shasta's sparkle-giving lather brightens all hair color. See for yourself how Shasta Cream Shampoo, with its super cleansing action, enriches your hair color.

MONEY BACK GUARANTEE that New Lather with sparkle-giving action and gets you...



AN OFFERING to audience is made in New York television studio by The Continental, who holds a glass of champagne out to his imaginary innamorata.



ask him



"When folks ask me about hot water," says Mr. Frank Kecko, Master Plumber of Bridgeport, Conn., "I say put in an automatic Gas water heater. Most women either have an automatic washing machine and a dish washer, or are planning to get them. And Gas is the *only* all-automatic fuel that heats water fast enough to run these new appliances at top efficiency! In fact, it's **3 times faster**... yet an automatic Gas water heater is cheaper by far to install and to run." **Ask your plumber...** he'll tell you there's *nothing* like Gas for automatic water-heating!

And there's nothing like Gas for automatic cooking... refrigeration... house-heating... air-conditioning... clothes-drying... incineration



This is a Bryant automatic Gas water heater... one of several fine brands on the market today. Your Gas company, merchant plumber, or Gas appliance dealer will gladly advise you about the right size for your family.



AMERICAN GAS ASSOCIATION



WHAT'S YOUR ANSWER TO THIS NEW KIND OF PUZZLE?

HELP DISABLE AMERICAN VETERANS...

AND YOU MAY WIN A FORTUNE!

CAN YOU solve crossword puzzles?
Have you ever played anagrams?

THEN YOU already have a head-start—a big advantage in this new and completely *different* contest...the Fifth Annual Contest sponsored by the Disabled American Veterans Service Foundation, which has already given away nearly \$400,000 in cash and prizes to previous winners!

EVEN IF you've never solved puzzles, played anagrams, or entered any kind of contest before, you may still win, if you will read the rules and instructions, and take care and time in working out your answer!

EVERYTHING you know to need to enter is right on this page. No need to wait for further information!

AND DON'T FORGET: With more and more disabled veterans returning from Korea, your contribution will make it possible for the 32-year-old, Congressionally-chartered Disabled American Veterans (D.A.V.) each year to extend, without charge, sorely needed individualized assistance to scores of thousands of America's war disabled veterans and their dependents.

DON'T WAIT...enter today: You can later replace your original solution with a better one at no extra cost!

\$391,927.35

ALREADY GIVEN AWAY!

Contestants in past D.A.V. contests have already won nearly \$400,000! It's fun—and easy to enter. Ask Robert Axelrod, California Restaurant owner, one of the D.A.V. contest top prize winners.



\$2,700.00
ADDITIONAL CASH
PROMPTNESS PRIZES

You may win 150 TIMES your donation for ACTION!
ENTER ALL 3 GROUPS NOW AND
YOU MAY WIN \$2,700.00!

GROUP 1	GROUP 2	GROUP 3
Promptness Prize	Promptness Prize	Promptness Prize
\$450.00	\$900.00	\$1,350.00

If your original entry is postmarked before 7 P.M., March 10, 1952, then you will be in competition for the promptness prize in each Prize Group for which you have, by that time, submitted the required entry fee. The promptness prize for each Prize Group will be awarded to the highest prize winner in each Prize Group among those contestants whose original entries were so submitted.

★ ★ ★ ★ ★ ★ ★ ★ ★ ★ OFFICIAL RULES ★ ★ ★ ★ ★ ★ ★ ★ ★ ★

Please read them carefully
\$100,000.00, now on deposit in the American Security & Trust Company, in Washington, D. C., will be awarded to the contestants in accordance with the official prize list, instructions and these rules.

WHO CAN ENTER CONTEST
1. The contest is open to any resident of the Continental United States (except an employee of the DAV Service Foundation, its advertising or processing organization or member of his or her immediate family) who has not received a prize of \$1,000 or more in cash or cash value, in a previous DAV Service Foundation Contest.

HOW TO ENTER CONTEST
2. Send in your own puzzle solution on the Official Entry Form together with an entry fee contribution of \$3.00 to enter Group 1; \$6.00 for Group 2; or \$9.00 for Group 3. You may enter and complete in any one, two or all three prize groups.

Each Entry Form and contribution must be mailed to the address specified on the Form and postmarked before 7 p.m., April 15, 1952 (not only mailed but actually postmarked), and received by 5 p.m., April 30, 1952.

ALL ENTRIES ACKNOWLEDGED
3. Acknowledgment of your original Entry will be promptly sent to you with an OFFICIAL SUBSTITUTE ENTRY FORM on which you may enter an OFFICIAL SUBSTITUTE SOLUTION. An extra 45 days from the dates above (i.e., until May 31st and June 15th) will be allowed for submission of Substitute Solutions and also for submission of required contributions to enter any additional prize group.

DICTIONARY AUTHORITIES
4. In solving the puzzle, you may use any word that fits which is actually printed in a bona fide

type in the main alphabetical section of any printing of the Merriam-Webster Pocket Dictionary; "any word" includes any variant, diminutive, shortened form, contraction, abbreviation, prefix, suffix, combining form, hyphenated word, plural, informal form, vocabulary entry, or the first word of a two or more word phrase or expression (if printed in heavy-faced type), disregarding any hyphen, apostrophe, period or diacritical marking. If more than one set of tie-breakers becomes necessary, the Webster's New International Dictionary, Unabridged, 2nd Edition (any printing from 1947 through 1952) will be the dictionary authority.

ENTRIES SHOULD BE READABLE
5. Although mistakes does not count, any submitted contest solution entry which is illegible, unclear, or not signed will not be considered; only one solution may be submitted on any one entry form.

HOW ENTRIES WILL BE JUDGED

6. Entries in prize groups will be judged separately. Highest valid score in Group 1 wins first prize in Group 1, second highest wins 2nd prize, etc., until all prizes in Group 1 have been awarded. Prizes in Groups 2 and 3 awarded similarly. The first correct and if you are among the tied, you will be sent a set of five tie-breaking puzzles to be solved in which each succeeding puzzle will be judged only if you still remain after preceding puzzle has been judged. To assure that solution will be on the basis of the personal skill of the still-tied contestants, the tie-breakers (similar as to both portions of original puzzle) will be more difficult with more interesting letter-plays and with different instructions as to the number, arrangement and use of letter-squares and the value to be assigned to the respective squares. Time limit for solving and making back first set of the tie-breaking puzzles will not less than ten (10) nor more than fifteen (15) days from

scheduled date of delivery to contestants; and not less than 3 nor more than 8 days for the 2nd, 3rd or 4th sets of tie-breakers (if needed). All tie-breakers will be so released in small that they should arrive on same day for all tied contestants. In case of final tie, you will receive full amount of prize for which you are still tied.

YOUR FAMILY MAY HELP YOU

7. A member of your own immediate family living in the same household who has not received help from anyone else may assist you in solving your puzzle. Any collusion or fraud however will cause forfeiture of all your rights as a contestant. Every reasonable effort will be made to enforce these rules and return statements will be required from all high scoring contestants. Although you may submit as many original solutions (with accompanying contributions) as you desire, not more than one cash prize in each prize group can be awarded to you (including members of your immediate family).

8. Your ability to observe and follow the rules and instructions is an integral part of the contest. You must, therefore, exercise great care in recording each guess, computing your score and recording it. You will not receive more points than claimed nor more than scored.

9. The DAV Service Foundation will not be responsible for lost or delayed mail or delivery thereof, and each contestant, by the act of sending in an Entry, agrees to be bound by the contest instructions, rules and conditions. First, in any event, with the decision of the DAV Service Foundation and/or its Committee on Awards on any and all matters affecting the contest.

10. Any contestant who leaves the Continental United States before he has fully exercised his competitive rights as a contestant thereby becomes entitled to refund of the entire entry contribution upon his submission of written request for it.

3 BIG PRIZE GROUPS

You May enter and Win In Any 1, Any 2, or All 3 Groups

GROUP NO. 1	GROUP NO. 2	GROUP NO. 3
1st Prize... \$3,000.00	\$6,000.00	\$9,000.00
2nd Prize... 1,000.00	2,000.00	3,000.00
3rd Prize... 900.00	1,800.00	2,700.00
4th Prize... 800.00	1,600.00	2,400.00
5th Prize... 700.00	1,400.00	2,100.00
6th Prize... 600.00	1,200.00	1,800.00
7th Prize... 500.00	1,000.00	1,500.00
8th Prize... 400.00	800.00	1,200.00
9th Prize... 300.00	600.00	900.00
10th Prize... 200.00	400.00	600.00
Next 20 Prizes Each... \$100.00	\$200.00	\$300.00
Next 20 Prizes Each... 80.00	160.00	240.00
Next 20 Prizes Each... 60.00	120.00	180.00
Next 20 Prizes Each... 50.00	100.00	150.00
Next 20 Prizes Each... 40.00	80.00	120.00
Totals \$16,700.00	\$33,400.00	\$50,100.00

GRAND TOTAL OVER \$100,000.00 IN CASH PRIZES!

Every Prize Is Well Worthwhile
YOU MAY WIN UP TO 1,000 TIMES YOUR DONATION

MUST BE WON!

IT'S FUN! IT'S EASY! HERE'S ALL YOU HAVE TO DO:

READ THESE SIMPLE INSTRUCTIONS

1 This SHADOWGRAM puzzle consists of two related parts (A and B) and is to be solved in two steps, as follows:

STEP A. First, fill in word spaces just as you would in a crossword puzzle, with 8 vertical and 5 horizontal words, each of which puzzle the clues shown under Definition Clues.

If you have filled in valid words complying with the Definition Clues, you will have used 22 different letters in 34 white spaces, and your total Letter Value in A on the basis of the Table of Letter Values (counting each intersecting letter twice) will be 1118. It must be 1118, no more or less. This constitutes your qualifying score.

STEP B. Having achieved the correct qualifying score (Step A) you will then fill in the 22 empty grey squares in STEP B with six different words of your own choosing (subject to rules) not using, however, any of the 4 different letters omitted in Step A (P, X, Y, Z).

No word used in A may be used in B; but you may use in either A or B any one of the 22 different letters as many times as is necessary. The 4 letters (P, X, Y, Z), which cannot be used in either A or B are indicated below by the circles:

A B C D E F G H I J K L M
N O P Q R S T U V W X Y Z

2 In solving the puzzle be careful to observe the following conditions:

(a) All words must be correctly spelled out and must read from left to right or top to bottom.

(b) The letter in each intersecting square in A and B must form part of two valid words (the down word and the across word) and the letter in each intersecting square must be computed twice in determining the total letter value score for A and for B.

(c) Each letter in Step A and Step B carries the point value shown in the Table of Letter Values; you must record the score for each step; then add the total of A (qualifying score of 1118) to the total of B (as high as you can make it by your choice of words) and, finally, add these scores to obtain your total score which you place in the space provided.

LOOK AT THIS SAMPLE SHADOWGRAM PUZZLE

Note how the "A" portion of the sample puzzle opposite has been solved using the above instructions and the following word definitions: ACROSS... (1) Rodent (2) Preposition meaning from. DOWN... (1) to utter printed words (2) Preposition expressing direction toward. This provides a qualifying score of 318 using the OFFICIAL LETTER VALUE TABLE. Now, note the two different solutions to "B"... one gives a higher score. Perhaps you could have done even better. Why not try your hand with this OFFICIAL PUZZLE?

A

R	A	T			
E					
			T		
D			O		

B

B	T				
E	R	F			
			R	O	D

Step A Score..... 318
Step B Score..... 234
Total Score..... 552

D.A.V. SHADOWGRAM

OFFICIAL PUZZLE & ENTRY FORM

A

1									

B

STEP A score is
STEP B score is
My total score is

DEFINITION CLUES

STEP A Across

1. African animal with long neck.
2. To settle on land without right or title (or to crowd).
3. To project.
4. Not bright or distinct.
5. Single unit.

Down

1. Covering for the hand.
2. To weep convulsively.
3. Machine to raise weight as in changing tires.
4. To work at.
5. Within a place.
6. Personal pronoun (objective case of I).
7. To chew and swallow food.
8. To melt as ice or snow.

TABLE OF LETTER VALUES

A-32	E-23	I-16	M-17	Q-13	X-15
B-19	F-25	J-24	N-31	R-29	Y-9
C-27	G-22	K-12	O-28	S-30	Z-30
D-26	H-11	L-34	P-21	T-33	

DAV SERVICE FOUNDATION
\$100,000 Fifth Annual
Contest, Dept. 111
Washington 6, D. C.

MAIL TODAY! You may improve your score later by sending substitute solution fee (see rules).

Please enter me in your 1952 SHADOWGRAM Puzzle Contest, for competition in the Prize Group of \$100,000. I enclose below, for which I enclose an entry fee donation in the sum of \$.....

NOTE: You may enter one, any two, or all three prize groups, depending on amount donated. The following shows possible total prizes in relation to your entry fee or fees.

FULL LIST OF WINNERS will be sent to all contestants after final judging.

CHECK HERE	GROUP	CONTRIBUTION	FIRST PRIZE
☐	1	\$3.00	\$3,000.
☐	2	\$6.00	\$6,000.
☐	3	\$9.00	\$9,000.
☐	1 & 3	\$12.00	\$12,000.
☐	2 & 3	\$15.00	\$15,000.
☐	1, 2 & 3	\$18.00	\$18,000.

DONATIONS should be made payable to DAV Service Foundation. Please send check, money order or postal note only. Do NOT send cash!

It is understood you will send me an OFFICIAL RECEIPT for my entry donation, together with a **beautified BALL-POINT PEN** with my name printed on it and an OFFICIAL SUBSTITUTE SOLUTION form, on which I may later submit (free of cost) a better score if I find I can improve my score any time prior to the final closing date. Also, at any time, now or later, after I have donated \$18.00 to enter all 3 prize groups, you will send me an order blank which I may use to select (free of cost) any group of three out of six groups of three beautiful Collector's Edition Books. I have read the rules and agree to be bound by them.

★

SIGNED

Name.....
Address..... State.....

City.....
DO NOT USE THIS FORM for submitting a substitute solution. Please be patient until you receive your Official Substitute Solution Form with your Official Receipt (allow 3 weeks). Additional copies of this Official Puzzle and Entry Form will be sent free on request when accompanied by self-addressed stamped envelope. Write Dept. 500, Washington 6, D. C.

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HERE IS THE DICTIONARY TO USE FOR THIS PUZZLE

The Merriam-Webster Pocket Dictionary published by Pocket Books, Inc. (any 35¢ or 25¢ printing) is the official dictionary for this Shadowgram Contest (see rules). It may be purchased at practically all places where books and magazines are sold; that is, drug stores, book shops, newsstands, 5¢ & 10¢ stores, department stores, etc.

This contest is sponsored by the DAV Service Foundation, which is the incorporated trusteeship for the Black American Veterans, chartered by special Act of Congress.

IRON FURNITURE MOVES INDOORS



CENTERPIECE



ASH TRAY

Its new and airy lines give it many new uses

As houses and rooms have grown smaller, the need for lighter, more graceful furniture has increased. But fragile curves and spindle legs are not practical for families who give furniture normal hard usage. As a result iron furniture, which once held heavy-footed sway on the porch or lawn, is moving indoors. In new designs wrought iron looks light and airy, reduces clutter in small rooms, is still so strong that it runs up no repair bills. Its clean, spare lines—a number of the pieces on these and the following pages were chosen for the January Good Design show—make it equally suitable for use in a city apartment or an informal country home, with either traditional or contemporary furniture. Fitted with wire mesh or foam rubber, it is eminently comfortable.

In its new, sheltered role, stripped of curls and weight, iron combines well with many other materials: with wire mesh as in the stool (left) and in scoop chair (opposite page, second row); with fish net, (chair bottom row); with canvas, in a chaise (second row from top); with glass as in the salad bowl, tiered coffee table, buffet server; and with wood as in work table.

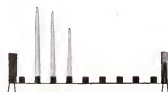


WIRE-MESH SCUTTLE



GLASS-TOPPED DRUM TABLE





CANDELABRA



DESK LAMP



CANDLEHOLDER



TABLE LAMP



SALAD BOWL



CANDELABRA



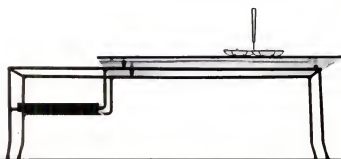
WIRE-MESH SCOOP CHAIR



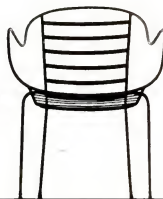
MESH CATCHALL



CANVAS CHAISE LONGUE



TIERED COFFEE TABLE AND BONBON DISH



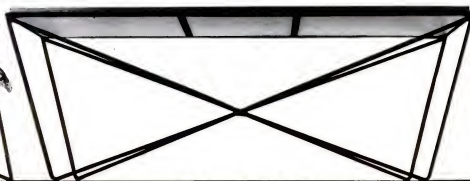
ARMCHAIR



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FISH-NET CHAIR



WOOD-TOPPED WORKING TABLE



BUFFET SERVER



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None finer! Complete, balanced diet to keep dogs healthy,
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IRON FURNITURE CONTINUED



CUSHIONED BENCH



COCKTAIL TABLE, FLOWER HOLDER IN CENTER



GLASS-TOPPED TABLE



WIRE-MESH BENCH



WASTEBASKET



MAGAZINE RACK-TABLE

A MALLEABLE MATERIAL

Wrought iron is an easy material to work with. It can be bent and cut when cold and is ready to use when it comes from the factory. Joining parts is a simple matter of spot or arc welding. This malleability gives the designer complete freedom in designing: the iron may be intricately shaped as in the modern version of an Italian Renaissance chair (*top row*) or used for stark pieces like the magazine rack (*bottom row*). The relative simplicity of construction also makes wrought iron furniture less expensive than comparable wood pieces.

As long ago as 1937 John B. Salterini and a few others were designing iron furniture for duty indoors and out, but it was at the Museum of Modern Art's first Good Design show in 1950 that wrought iron by Eero Saarinen, Van Keppel-Green and others appeared in its present unelaborated guise and was recognized as an important new indoor furniture trend. Since then Tempestini (table, *second row from the top*), Bloom (catchall and scoop chair, *preceding page*), Landrum (working table, *preceding page*) and others have designed iron furniture that has won critical recognition and—what does not always follow—public approval.

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Great! Yes, the finer the whiskey the finer the drink.

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Bewigged Birthday

PARISHIONERS DRESS UP FOR CHURCH'S 250TH

Although they live in a community of big new housing developments, supermarkets and rapidly growing population, the parishioners of St. George's Episcopal Church in Hempstead, Long Island have an affectionate, protective feeling toward their old church. The parish was originally organized in 1702. Its charter was granted by King George II of England in 1735 and the present Georgian edifice was built in 1822. The weather vane on the steeple carries bullet holes from the Revolutionary War. To celebrate their 250th anniversary last week, the parishioners decided to re-create as closely

as possible an 18th Century country service.

Of the 700-odd members who showed up on Sunday, more than 100 had dug out and donned old clothes, and vestry and committee members had rented knee breeches, brocade coats and buckled shoes for the occasion. After an informal procession and a simplified service the minister, the Reverend Mr. Victor M. Regan, presented a sermon originally given at the consecration of the present church. Then everybody adjusted wigs, filed out and moved over to the parish house where they spent the time drinking coffee and admiring each other's costumes.



IN CHURCHYARD Corkrey family greets Senior Warden Arnold Conklin (right, in tricorne hat).



DURING SERVICE the minister's 13-year-old son, Victor Regan (right), reads a short sketch of church's history as Mr. Regan listens at left. On the altar are a

silver chalice and plate that were given the parish by Queen Anne in 1706. Except in the first pew, ladies sat on the left, gentlemen on the right of the congregation.

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Cupid's
Right Hand
Man

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FLORISTS' TELEGRAPH DELIVERY ASSOCIATION

Headquarters: Detroit, Mich.



OLDTIME COLLECTION is taken by vestrymen using old-fashioned black velvet bags on the ends of long sticks.



EARNEST HYMN SINGING occupies Mrs. Francis Rudman (center) and Mrs. Claude Williams (right), both Daughters of the American Revolution.



RESPLENDENT COMMITTEE stands in finery as rec- tor greets Mrs. James Van Nostrand. Wigs were of yak hair.

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smarter than Europe's custom models!



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Here at last is the car you've looked for and longed for!

It's the new Henry J Vagabond, smart new 1952 edition of America's most practical, lowest-priced, full-size car.

Outside it's a harmony of smart new colors and exciting European lines; inside, it's richly clad in new and beautiful upholsteries.

As for performance, it's definitely a car for the open road. Its Supersonic Engine eats up the miles, but scarcely touches the gasoline. (It delivers up to 30 miles per gallon.) When the lights turn green, the Vagabond's away at the head of the pack, with a new kind of flashing getaway that takes your breath away.

So...if you've always longed for a car that's young in heart, that makes you want to drive, and drive...just for the fun of it, take a demonstration ride in the new '52 Henry J Vagabond today.

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before you weep

The time to avoid shrinkage
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*Your cottons can't shrink out of
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Why Insects Change Form

A YOUNG HARVARD SCIENTIST DISCOVERS THE CAUSE OF METAMORPHOSIS

PHOTOGRAPHED FOR LIFE BY ROMAN VISHNIAC

Metamorphosis, the commonplace miracle by which a clumsy caterpillar becomes a bright-winged moth, is one of the best known and least understood of all biological phenomena. Every schoolboy has marveled at it. Many scientists have studied it. But until recently no one has been able to explain it.

Ten years ago a young Harvard biologist named Carroll Williams set out to discover the cause of insect transformation. Starting with the assumption that growth is controlled by chemical agents called hormones, Williams and his students began a series of strange experiments to find out what the hormones of metamorphosis were, how they acted and where they came from. First, they divided a number of *Cecropia* (silkworm) larvae into segments. Then

they watched to see which segments metamorphosed and which did not. By this method they located two hormone-producing centers: one in the brain, one in the thorax. Neither of these centers, they discovered, could cause metamorphosis by itself. Apparently, then, the two centers produced different hormones, both essential to the insect's development. To test this theory, Williams concocted ten brainless but otherwise intact pupae (right). Nothing happened. Then he implanted a bit of brain in the lead insect. Result: his pupae became moths (below) and his theory a proven fact. Last year, for his continuing work on the chemistry of metamorphosis, the American Association for the Advancement of Science named Carroll Williams the outstanding young scientist of 1950.



HORMONE'S EFFECT is shown by chain of pupae whose brains have been removed. Lacking brain hormone, they remain unchanged. But when brain tissue is implanted in lead pupa, all become moths (below).

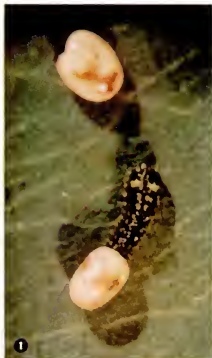


HOW A SILKWORM IS TRANSFORMED INTO A MOTH

In its everyday sense "metamorphosis" refers to the life cycle of a winged insect. This classic type of transformation, described on these two pages, is the basis of Williams' work. But there are other kinds of metamorphosis in which dramatic changes are absent. In these the growth pattern is like that of higher animals: the young resemble the adult from the start, and develop mainly through enlargement. However, the same chemical reactions are involved in both types. Therefore Williams' findings about moth

metamorphosis may help explain the nature of animal and human growth.

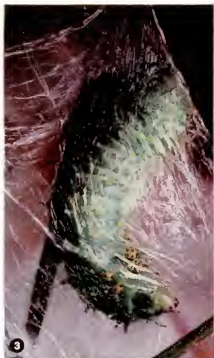
For his experiments Williams used the *Cecropia* because it is big enough to dissect easily, tough enough so that it continues to live even after dissection. Beginning its life cycle as a caterpillar, *Cecropia* stores up the fat on which it will live in later states. Then it builds a silk cocoon inside of which it changes into a pupa. The pupa lies dormant through the winter, then emerges as a short-lived moth whose only purpose is reproduction.



1 **EGG HATCHES** 10 days after being laid, and small black-and-yellow larva, or caterpillar, emerges. In a few days it turns green to match surrounding leaves.



2 **LARVA GROWS** by molting, i.e., by periodically shedding its skin. This process is repeated four times before the insect finally reaches its full four-inch length.



3 **COCOON IS SPUN** by full-grown larva, which secretes liquid silk from glands near mouth. Cocoon serves to protect dormant pupa from its natural enemies.



4 **PUPA EMERGES** from withered caterpillar skin inside the cocoon, which has been removed in this and the following photographs so that the pupa may be seen.



5 **NEW PUPA** is pale green, has delicate wings, legs and primitive antennae which somewhat resemble those of a moth. Its skin quickly hardens and turns brown.



6 **PUPA "SLEEPS"** for almost eight months. When spring comes it begins to wriggle and twitch as the newly formed insect inside pupa skin struggles to get out.



7

MOTH ESCAPES from the dry skin of the pupa it once was. Pupa skin splits open at head end, and the moth's head pokes out. Then, using its legs, the moth pulls its body free and exposes velvety, tight-furled wings. When the whole pupa skin

is shed the moth creeps out of hole which had been left by larva at the top of its cocoon. It pumps blood into its wings to spread them out and flies off at dusk in search of a mate. It is unable to eat, and lives only long enough to reproduce.

CONTINUED ON NEXT PAGE

TWO HORMONES



WITHOUT HORMONES caterpillar cannot develop. To prove this point Williams tied off the segments of an insect just before brain hormone had begun to flow. (The exact moment at which the flow of hormones

would begin had been determined in previous experiments.) Deprived of the brain hormone, which was confined within the head by the knotted thread, the caterpillar lived but kept on being a caterpillar.



WITH BRAIN HORMONE development begins. This insect was tied off after brain hormone had spread but before thoracic hormone was released (top). The tail did not develop, despite presence of brain hormone

(indicated here by silver dots) but the thorax did (bottom). This showed that brain hormone does not alter tissues but forces thoracic center to send out its hormone (red dots) which causes transformation.



WITH BOTH HORMONES full metamorphosis occurs. In this caterpillar, tied off (top) after the brain and thoracic hormones (red and silver dots) had reached all segments, both tail and thorax went into pupa

stage (bottom). This proved that thoracic hormone is cause of change, for tail also metamorphosed; it had not when only brain hormone was present. (The head, deprived of blood supply, died and fell off.)

If a *Cecropia* pupa is cut in two its front half continues to metamorphose and its back half does not. From this first simple experiment Williams learned that the sources of the metamorphic hormones must be somewhere in the front end of the body. Later he traced their exact location to certain cells in the brain and a gland in the thorax. But knowing the origin and identity of the hormones was not enough to explain metamorphosis. He still needed to know just what each of them did.

The first significant fact that Williams discovered about the two hormone-producing centers was that they are interdependent. Together they caused metamorphosis. Singly they did not. To find out why, he performed the experiment shown at left. Taking several caterpillars at slightly different stages of development, he separated their heads, thoraxes and abdomens with tightly drawn loops of thread so that no body fluids could pass from one segment to any of the others. The manner in which the different



CAUSE CHANGE

segments of the different caterpillars developed solved the problem. It showed that the brain hormone itself causes no change whatever in the structure of the insect's body but simply "triggers" the thoracic center into activity. The thoracic hormone then flows to the tissues, which immediately start to metamorphose.

But this new knowledge raised new questions. *First*, why does the thoracic hormone cause metamorphosis? The answer, Williams' greatest contribution to science, is this: the hormone forces the body cells to produce a substance called cytochrome which hastens growth and change. This same cytochrome exists in the cells of the human body, but its role as a growth factor has never been known. *Second*, why does the brain hormone begin its triggering action at precisely the right time of year—never earlier or later? The answer: temperature change. The first warm days of spring stimulate the brain to begin the transformation that will convert the dormant pupa into a moth when summer comes.



A DISEMBODED TAIL LAYS EGGS

The most startling of all Williams' experiments was one whose sober purpose was to prove that both hormone-producing centers are involved in metamorphosis. When he transplanted these centers singly

into tail sections of female pupae, no changes occurred. But when both were implanted (*above, left*) into one tail, it not only matured (*above, right*) but attracted a male, was fertilized and laid eggs (*below*).



METAMORPHOSIS

CONTINUED

HALVED PUPAE were used in an experiment aimed at finding out what effect injury has on metamorphosis. For purposes of comparison Williams used (left to right) a whole pupa, a severed pupa whose raw ends had been sealed shut with plastic plates, a third whose two halves were connected by a slender plastic tube, and a fourth in which the connecting plastic tube contained a ball bearing whose constant motion would prevent tissue from growing between the separated segments. All four of the pupae were of exactly the same age.

A MONTH LATER (left) the experiment was complete. Pupa Number 1 had developed normally. In Number 2, whose wounds were effectively healed by the plastic, the front end metamorphosed but hormoneless tail did not. In Number 3, wounds were sealed off by tissue which grew through tube and provided bridge across which hormones could get to tail. Both ends developed. In Number 4, where ball bearing prevented growth of bridge, no development occurred. Conclusion: injuries must heal before the insect can metamorphose.

DEATH FLIGHT (opposite page) climaxes the experiment as pupa Number 3, now a moth, stretches its new-grown wings and, despite tube, flutters away. Although both halves of the body had developed, slender tissue bridge was too weak. It broke almost at once. The insect crashed to the ground and died.





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SOURCES OF HORMONES



PUPA'S BRAIN, seen through window in insect's head, has two .01-inch-wide lobes from which a network of nerve fibers extends through body. Hormone-producing cells, barely visible in this picture, show up clearly in close-up below.

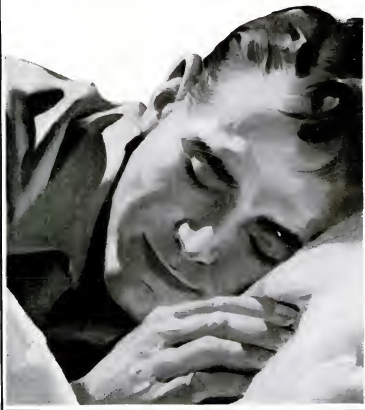


BRAIN HORMONE CENTER, here photographed for first time in a living insect, is double cluster of specialized nerve cells (arrows) in middle of brain. Hormone flows from cells into blood stream, which carries it to thoracic center (below).



THORACIC HORMONE CENTER is pair of glands in insect's midsection, each composed of about 500 large, flat cells. These cells, here magnified 50 times, are stimulated by the brain hormone to secrete hormone of growth and change.

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Ovaltine helps to invite this kind of sleep, because Ovaltine

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It helps to break down nervous tensions built up during the day—induce natural relaxation, prepare the way for peaceful sleep.

Furthermore, Ovaltine assists in rebuilding you during sleep, because Ovaltine has been processed in such a way that its important food elements are readily digested and absorbed, even as you sleep.

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OVALTINE

THE SAFE NIGHT CAP

"Nero fiddled while I burned!"

says **DEBORAH KERR**
co-starring with **ROBERT TAYLOR**
in MGM's Technicolor Production
"QUO VADIS"

"You'll see Nero and the burning of Rome in 'Quo Vadis'. And if you know how steam heat parches *your* skin, you can imagine how mine felt after that scene. I was photographed *inches* away from live, crackling flames. After hours of retakes, my skin felt dry as paper!



Soaking in water for this escape scene dried my skin again...



And later, 'my hands were tied', literally, with a harsh rope...



So, between scenes I used Jergens Lotion on my hands, arms and face...



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AT DUSK, after first climbing up on a ladder to open the gas cock, Ted Fairclough lights a lamp with his stick, which

has a small flame inside its perforated iron head. In the background is Trafalgar Square and Nelson's monument.

LAST OF THE LAMPLIGHTERS

The legendary man with a stick is about to disappear from London streets

As much as the cold, damp fog which enshrouds him, the man with the stick above is a part of the legend of London. But like the tiny gas flame in the lamp, he is on his way out. With the installation of an automatic lighting system, there are only 23,000 hand-lit gas lamps remaining in greater London; and where as once there were thousands of lamplighters, there are now only 80. This one, 51-year-old Albert ("Ted") Fairclough, still makes his rounds twice a day, once at

dusk and once at dawn, to light and turn off 170 lamps. He walks about 10 miles each weekday and on Sundays, when the buses do not run between his home in Battersea and his lamps in Westminster, he adds another seven miles. This is extremely hard on his feet and he wears out a pair of shoes each week, which he has to pay for out of his weekly earnings of \$20. Ted does not use a bicycle because he cannot get insurance while riding with his stick and ladder.

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- ☑ Extra fringe area power!



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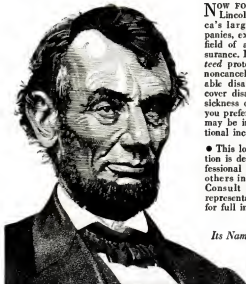


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Please send me full information on noncancellable, guaranteed renewable disability insurance that will pay me

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Lamplighters CONTINUED



THROUGH GLOBE he has cleaned, the lamplighter shows his round, ruddy face. He cleans each globe once a week, a task which takes him about six hours.



ON LADDER Ted cleans a lamp under the eyes of King George III's statue. Building at left is the National Gallery.



WITH FRIEND, a ragged, old woman hobo whom he meets on his rounds, Ted has chat to break monotony of job. Woman sleeps huddled in doorways.

CONTINUED ON PAGE 53

The face that
Everyone is talking about—

POND'S

Angel Face



in its stunning new

Mirror Case

Truly beautiful success story! More women are smoothing it on—and immediately adoring it—than any other make-up foundation! And this is why: Pond's Angel Face is the most casual, uncomplicated complexion flattery in the world!

- no greasy foundation!
- no wet sponge!
- no loose, spilly powder!

You just circle the soft, soft Angel Face puff over your face—and at once, little skin flaws hide beneath a delicate velvety finish that stays on, much longer than powder! Because Angel Face is foundation and powder-in-one! Elisabeth, Lady Rendlesham says, "I feel most glamorous when I wear Angel Face. It gives my skin such a soft, matt finish!"



Delicate, sweet tinted, incredibly flattering—this is your Angel Face by Pond's.

The prettiest girls carry it everywhere! The new ivory-and-golden Mirror Case holds everything you need to sweeten up anytime—mirror, puff and heavenly, soft-tinted Angel Face! "This lovely case is a boon to my handbag—takes such a slim space and can't spill," says Mrs. George Jay Gould, Jr. "And nothing gives my skin such a smooth color as Angel Face!" In 6 true-complexion shades—Pond's Angel Face Mirror Case—just \$1*

Angel Face also comes in this well-loved blue-and-gold box, at 89¢ and 59¢.*
*plus tax



"fresh up" with Seven-Up!

THE ALL-FAMILY DRINK!

Mighty good teammates—fun and 7-Up! Here's the lively, clean-tasting drink that goes with good times, *anytime*. Crystal-clear and sparkling—7-Up is so pure, so good, so wholesome that folks of *all* ages can enjoy it. "Fresh up" with 7-Up . . . yes, as often as you like!

Copyright 1952 by The Seven-Up Company



You like it... it likes you!

BUY IT BY THE CASE FOR FAMILY AND GUESTS!



TED LIKES HIS INDEPENDENCE

Ted Fairclough's life is not as lonely as it would appear. He spends only an hour and a half lighting his lamps, an hour and a quarter flicking them off (*below*). Between one lamp and the next he often stops at a tavern for a beer, occasionally downing as many as 16 pints of an evening. All along the route he has friends to chat with, like Sammy Brackman, who sells flowers; Margie, the charwoman at a Haymarket cinema, and Alice Master, the doorman at Ciro's nightclub. There is also Mary Cohen, whose lost cat Ted found and returned one day. Now, whenever he passes Mary's home and there are a few moments to spare, he goes in for a cup of tea. When his job is abolished in a couple of years, Ted will become a gas company repairman. Most of all, he will hate to give up his independence. "Now there's nobody over you," he says. "You're your own governor, and there's no worry."



AT DAWN, having doused the lamp he had lit the evening before (p. 89), Ted gathers up his stick and ladder and trudges on towards Trafalgar Square.

Honey, This is the LIFE!



I could hardly wait
to get home...

If everyone had a wife like you — and a Contour Chair-Lounge to come home to — there'd be no such thing as a discontented husband!



WRONG POSTURE



RIGHT POSTURE

Yes, the man in your life can be **HAPPY** and **ENERGETIC** if you help him to **RELAX**. Jangled nerves, worries, and tiredness soon disappear in a **CONTOUR Chair-Lounge**... Try one yourself and see how it restores from within your own natural **POISE** and **BEAUTY**. Banish forever the discomfort and poor posture that results from sitting in so-called "easy chairs."

The genuine Contour Chair-Lounge is a real space-saver. It provides a hundred times the comfort in two-thirds the space required for ordinary out-moded chairs and hassocks. **SMART WOMEN** everywhere are making a real design for living with the graceful flowing lines of the World's only Contour Chair-Lounge as the center of interest.



ADJUSTABLE to different positions, your Contour can be ordered from a wide selection of quality **Fabrics** or **Plastics**. The World's only Contour Chair-Lounge is made in **Sizes** to **Fit YOU**. Look for our **TRADE-MARK** and demand the **ORIGINAL**!

LOOK ON THE BACK FOR
THE CONTOUR TRADE-MARK



DON'T BE SORRY—BE WARY
MAKE SURE—IT'S A CONTOUR

MARIE designer, Inc. Dept. L-5
8115 Sunset Blvd., Hollywood 46, Calif.

- ☐ Please send me full information about the Contour Chair-Lounge; — or
☐ Please send me address of nearest Contour Chair Shop.

NAME _____

ADDRESS _____

CITY _____

STATE _____

(Please print name and address)

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The Contour Chair-Lounge is also available overseas from: Topograpulos S. A. COLON; S. A. Eugene Coppelle y Cia, CARACAS; Thai Nations, BANGKOK; Le Coss Castro, SAN SALVADOR.



Tire too soft . . . curb too hard. The sidewall of your tire is crushed, as with giant fingers, between stone and steel. Here's a pinch no driver can be sure to avoid . . . no tire sure to survive!

But if it is a Lee Super DeLuxe on your car—tire damage costs you nothing.

For a full fifteen months your Lees are guaranteed against all kinds of road hazard damage: cuts, bruises, blowouts, impact breaks—even injury caused by faulty brakes or improper mounting—the loss is Lee's, not yours. It makes no difference

where you are . . . more than 19,000 Lee Tire dealers from coast to coast honor the Lee guaranty—there's no fuss, no haggle.

This sensational protection is in addition to the usual Lifetime Warranty on materials and workmanship. You are doubly protected . . . doubly assured of getting all the long, long service built into your Lee of Conshohocken tire.

For this extra value, this added assurance, you pay not one penny more. See your neighborhood Lee dealer today . . . let him show you that with Lee tires you really get

Every Extra—Except Cost



©1952

LEE RUBBER & TIRE CORPORATION, CONSHOHOCKEN, PA.



SKIN IS PUT ON LEO'S LEG AS LEONARD'S LEGS, FROM WHICH GRAFTS CAME, ARE BANDAGED. LEONARD, UNDER SPINAL ANESTHETIC, COULD WATCH OPERATION

SKIN FOR A TWIN

Grafts from a young soldier's legs help heal his brother's burns

In San Antonio's Brooke General Hospital late last month doctors attempted one of the rarest operations in medical history: the successful transfer of skin from one man to another. The donor was Pvt. Leonard Kijowski, 23, and the recipient was his severely burned twin brother, Pvt. Leo Kijowski. Normally, because the skins of different individuals have biological differences, grafts from one person to another fail to take and eventually slough off. But the Kijowskis are twins—quite probably identical twins. And identical twins have identical, and interchangeable, skins.

Leo was injured in Korea in October when

a bunker, into which he threw a grenade, exploded and drenched him in flames. Fifty-nine percent of his body was burned. Doctors in a rear area hospital applied pressure dressings, gave him whole blood and penicillin. A month later he was in San Antonio. Unaware that he had a twin, doctors at first gave him grafts from other donors. Though they did not take, they nevertheless helped the growth of new skin. Then Leo overheard a conversation about twin grafts and mentioned Leonard, who was in Korea. The Army flew Leonard home immediately. The grafting which followed may save Leo three operations and cut his recovery time by 25%.



BEFORE GOING TO KOREA, Leo (left) and his twin Leonard were together at Camp Breckinridge.

New!
the Rainboot with
"Clear-Mold" Styling!



perfect for rain, sleet or snow!

Rain Dears
by LUCKY

FOR WOMEN AND CHILDREN

Never before a rainboot like it! Look for the sensational new features that you will find only in Rain Dears!

FULLY MOLDED!

The 100% molded construction insures long wear! No seams to come apart! No separate tread to come off!

TRANSPARENT!

The clearest plastic rainboot made today! The true beauty and color of your shoes shows through!

REAL DEEP TREAD!

Only Rain Dears' molded process gives you the deep diamond saw-tooth tread! Feel it...It's deep! It's sharp! It's rugged!



SMARTLY STYLED!

Rain Dears are specially designed to fit any style shoe, and all types of heels! Fluted to maintain their shape!

Good Housekeeping Guaranty Seal!

"The product that has it—earns it." The new Rain Dears have it.

FEATHERWEIGHT!
Rain Dears weigh ounces instead of pounds! Easy on—easy off.



\$2.00

Including handy plastic pouch

On sale at your favorite notions, rainwear and shoe counters

Los Angeles, Lucky Plastic Co., Inc. New York



BEFORE OPERATION Leonard and Leo chat. Leonard waited a month before grafting could begin, spent most of it at hospital post with his brother.



TALKING INTO MICROPHONE as the operation proceeds, Leonard gives his impressions for a tape recording which was later used on a radio broadcast.



AFTER THE OPERATION Leonard reads a local newspaper's front-page account of it as his brother Leo watches him from his bed in the background.



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OF BUR-MIL NY-RON**
at the following stores:

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- ORE... PORTLAND: Ode, Westerman & King
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- PENN... PHILADELPHIA: Gimble's
Lib Brothers
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Kaufman's
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The Outlet
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TEXAS: DALLAS: A. Harris & Company
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FT. WORTH: Mims' & Sons
Houston: Foley's
Felix Royal
- WASH... WASHINGTON: Miller & Rhoades
Thalheimer Bros.
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The MacLung-Bros. & Southwick Co.
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and at other fine stores everywhere



SEAMPRUFE DESIGNS A CLASSIC SLIP OF BUR-MIL NY-RON.



NO SCRUB, NO RUB—NY-RON washes with little effort—just a dip and a dunk does it. Drip-dries too—just like your nylon stockings.



CAREFREE UNDER THE IRON—NY-RON stays fresh, new, keeps its shape. Needs just a touch of a medium hot iron.

NEW MIRACLE SLIP FABRIC OFFERS UNIQUE ADVANTAGES AT ONLY \$3.98

Long aware of women's preference for nylon—and aware of today's women's budget problems, Burlington Mills has just announced a new miracle of science—Bur-Mil NY-RON*. This new fabric, woven of Acetate and Nylon, combines most of the easy to wash and iron wonders of nylon plus nylon's great strength and durability with all the flower-petal softness of fine acetate. Yet, slips made of Bur-Mil NY-RON sell at only \$3.98. A typical example, made by Seamprufe, is illustrated here. Formerly \$3.98 bought only rayon. Now, NY-RON provides a "luxury feel" that never before existed at any price. The slips made of NY-RON promise to revolutionize the lingerie world, bringing new luxury and practicality to millions of women. In the Seamprufe slips shown, added appeal has been secured by the etched bodice and deep hem with nylon tulle. In keeping with smart, modern merchandising practice, Seamprufe offers their slips made of Bur-Mil NY-RON in proportioned sizes, from 32 to 44, to fit every figure type: short, average, and tall. Slips of Bur-Mil NY-RON made by Seamprufe can be bought at stores listed on the opposite page.

*Trade mark

BURLINGTON MILLS, 350 FIFTH AVENUE, NEW YORK 1, N.Y.



SAFE FROM SHRINKAGE—NY-RON slips fit when you buy them, and after you wash them. Guaranteed no more than 2% residual shrinkage.



FEELS LIKE AN ORCHID PETAL—NY-RON has flower-petal softness because it's a perfect blending of both Acetate and Nylon. Burlington's special know-how makes it the loveliest cloth you've ever touched.





AS CHARLEY'S AUNT Ferrer acted coyly with Phyllis Avery in the 1910 farce hit.



AS IAGO he starred in *Othello* with Paul Robeson and Uta Hagen in 1943.



ASCYRANO he was both stage and film success, won Academy Award.



AS TRAMP he won highest praise for 1948 acting in *The Silver Whistle*.

A Phenomenon Called Ferrer

HE IS TOPS AS SHOWMAN AND SHOW-OFF

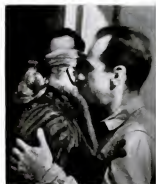
PHOTOGRAPHED FOR LIFE BY LEONARD McCOMBE

If the many talents of José Ferrer—acting, stage-directing, dancing, cooking, music, sports (he was a semi-pro baseball player), languages (he speaks five) and sartorial adornment (opposite page)—were whirled together in a kaleidoscope, they would form any number of pleasing patterns, pleasing especially to Ferrer himself. Ferrer's frank enthusiasm for his own endowments is matched by the theater-going world's enthusiasm for Ferrer. During the past year he has figured as director or actor or producer (or all three) in a trio of Broadway hits (*Twentieth Century*, *Stalag 17*, *The Fourposter*), and now he has come up smiling with another. Triumph No. 4 is *The Strike* (next page), for which he serves as producer, director and star performer. Still another triumph is probably due this spring when Paramount releases a new film, *Anything Can Happen*, starring Ferrer as a guitar-playing Russian immigrant who falls in

love with an American girl and American democracy.

Being an all-round phenomenon in the theater is a relatively new phase of Ferrer. His past honors came mostly from his acting, first as a Princeton undergraduate, then—after a succession of minor parts on Broadway and in summer theaters—in *Brother Rat*, *Charley's Aunt*, *Othello*. In the Bergman movie *Joan of Arc* his portrayal of King Charles VII stole the show from Joan herself. In *The Silver Whistle* Critic Brooks Atkinson hailed him as "the most able, the most stimulating and the most versatile actor of his generation in America."

But being an actor was not enough for him. From his well-to-do Spanish parents who settled in Puerto Rico, where he was born 40 years ago, José Vicente Ferrer y Cintrón inherited his disarming gusto and a tropical tendency to branch out all over the place. He has been branching luxuriantly ever since.



AS STAR Ferrer gets heartily kissed on the opening night of *The Strike*.



AS FASHION PLATE he is fitted for a Homburg at Cavanaugh's, Park Ave.



AS JOKER he gets a big laugh from answering his first-night telegrams.



AS BAKER he kneads bread dough in the kitchen of his country home.



AS PAINTER he creates mostly oil portraits. This one is of a close friend.



AS ATHLETE he lifts weight every morning in study before his breakfast.

HE CARRIES BIG BURDEN IN NEW HIT

Ferrer usually has a dozen projects going on at once: plays, movies, musical comedies, even operas. But with his sharp sense of timing—one of his greatest gifts—Ferrer knows which ones to abandon, which to keep hot. On these pages Photographer McCombe follows Ferrer in Philadelphia during a tryout of *The Shrike*, a play by Joseph Kramm. During the past two years Ferrer twice bought options on the play,

let both lapse and then, taking a third option, finally plunged into production.

The play deals with a sane man married to a shrikelike wife (the shrike is a bird which impales its victims against thorns). After trying suicide, he is taken to a hospital mental ward where he is trapped by obtuse psychiatrists and his malevolent wife. Along with learning the difficult male lead role, Ferrer tended to



PREPARING for *Shrike's* production, Ferrer discusses lighting with co-star, Judith Evelyn, bit player Phyllis Hill (Mrs. Ferrer).



REHEARSING, he listens intently to interpretations of play's author, Joseph Kramm.



RELAXING, he pours himself cup of maté, Paraguayan tea he brews in his dressing room.



HIS ROLE weighs on him as he stops to memorize new lines during rehearsal in Philadelphia theater.



HIS SHOES, which must be shabby enough to fit his part in the play, are bought in second-hand store.



HIS CLOTHES, which must be seedy-looking, are bought by Ferrer from another second-band dealer.



IN PLAY Ferrer (right background) acts a would-be suicide, Jim Downs. His malevolent wife subtly tries to convince psychiatrists he is approaching insanity.



IN CLIMACTIC SCENE Jim is goaded into an outburst of violence by the badgerings of his wife and psychiatrists. This reinforces belief that he is insane.

every production detail from getting a door to slam with the right bang to buying a properly scuffed-up pair of shoes. As a director he rules with easy authority, listens to all suggestions, and even cut the final scene from the show 18 hours before the Broadway opening because friends said it was an anticlimax. Critics called *The Shrike* absorbing drama, but their highest praise went to Ferrer for acting and stagecraft.



REVISING, he works out new lines with the playwright on day of the dress rehearsal in Philadelphia.



HIS BURDENS continue as he hears his actors go through lines a few hours before New York preview.



IN ORIGINAL ENDING Jim left hospital with wife, made it unclear whether he ever escaped her.



IN NEW ENDING Jim breaks down into helpless sobs which emphasize his despair and futility when

he realizes the only way he can leave hospital is by putting himself permanently in custody of his wife.



THE FERRERS DANCE TO BONGO DRUMS AT NEW YORK RESTAURANT

HIS HAPPY, HECTIC LIFE

A few minutes before the opening of *The Shrike*, Ferrer wired his closest theatrical associate, Milton Baron, "What do we do next? Or do you want to rest?" Characteristically, Ferrer had in mind several plays he wanted to put on before May 1 when he is scheduled to act in a movie biography of Toulouse-Lautrec, the strange, deformed painter of Paris in the '90s. But the next day, after reading his accolades, Ferrer decided to take it easy—maybe for a whole month.

Taking it easy, Ferrer-style, consists of rising at 10, making tea, dressing fastidiously, rushing to his office for a business conference, then to the Princeton Club for a squash game, followed by lunch, a trip to his shirtmaker's, back to the office, home for early dinner, then to the theater for his nightly show. After midnight he often winds up at a hot jazz session.

He neither smokes nor drinks (except for an occasional Vermouth), keeps healthy on five hours' sleep a night. Ferrer's propensity for getting into everything recently got him hauled up before the House un-American Activities Committee, where he was shown to be careless, but not subversive, in his political associations.

As a high personage of the U.S. stage Ferrer does not cut a conventionally impressive figure. He sometimes suggests a mountebank or clown. But as a producer he exhibits almost infallible judgment, and as an actor he infuses every role with his own intense vitality. On stage he has a gift for enormous concentration, to which audiences respond almost hypnotically. Asked what he will do when his energy ebbs and he really must take it easy, Ferrer replies, "Painting, I think. I can do that when I'm 80."



AS BUSINESSMAN he discusses advertising for *The Shrike* with associates in the Ferrer enterprises:



AS DANCER he does a soft shoe routine with Instructor Ernest Carlos in preparation for role in pro-



CHECKUP on the cast of *Satag 17*, which Ferrer produced and directed, is made to keep actors alert.



ANOTHER CHECKUP same day is made on cast of *The Fourposter*—Hume Cronyn, Jessica Tandy.



AS COUNTRY GENTLEMAN he lounges around 10-room home in Ossining, N.Y., with his wife Phyllis



Ed Reiskind, his attorney, Milton Baron, his general manager, and Jim Proctor, his publicity man.



jected offering next season of *Musical Comedy Man*, built around unproduced George M. Cohan score.



and his half-brother Rafael, listening to selections from his large collection of classical and jazz records.



MRS. FERRER at party after opening of *The Strife* whips up her hair in bit of horseplay which husband

calls her Browulf act because she looks like a wild Norsewoman. An ex-hallercina, she wed Ferrer in 1918.



REPOSE AT LAST comes to Ferrer about 5 a.m. Before retiring, he stacks a dozen play scripts by bedside, leafs through them before going to sleep, picks

out ones he will study more carefully next day. Then, putting his head on one pillow and another pillow on his head, he yawns comfortably and goes to sleep.

U.S. PRODUCTION DRIVE TURNS SPOTLIGHT ON TRAINED MEN

Chrysler Corporation's program helps people build better products and better careers for themselves

George Heyer, noted magazine photographer, turns his camera for this picture story on a program of importance to American production — how people learn to build military vehicles, defense weapons, and the cars and trucks that play a vital part in American life.



Heyer's pictures were made in Chrysler Corporation factories, classrooms and training shops. He shows a few of the thousands of men and boys now taking part in Chrysler's widespread training and technical education program.



TOMORROW'S CRAFTSMAN. Heyer pictures intent young Robert Chura—son of a Chrysler Corporation employee—during one of his first lessons in how to use tools and make useful things. In special workshops set aside by Chrysler, Robert and other boys work in wood, leather and metal under the guidance of veteran Chrysler artisans. Then they borrow from a "Library of Tools" and finish projects at home.



"A GOOD MACHINE DESERVES A GOOD MAN, SON." Heyer snapped Albert Bazner learning about grinders from veteran machinist H. A. Nelson. For the past year Albert has been in an Apprentice Group in Chrysler's Industrial Education program, learning the machinist trade — at good pay. Chrysler helps ambitious employees move up to better jobs. Even high school and college students can learn jobs before graduation, earning both classroom credits and pay. Good training for good men pays off in better cars and trucks — and in such defense work as jet engines, too.



THEY THINK IN CLAY. In this clay model room at Chrysler Institute of Engineering, employee students D. M. Holiday, 25, left, and Paul R. Diehl, 27, right, study car body design with Engineer Carl Hood. The Institute is the most advanced part of

Chrysler's education and training program. Courses compare with those in leading engineering colleges. At Chrysler, employees find training to improve themselves . . . become more valuable to America now when production need is great.

CHRYSLER CORPORATION

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PLYMOUTH, DODGE, DE SOTO, CHRYSLER CARS & DODGE TRUCKS

Chrysler Marine & Industrial Engines • Oilite Powdered Metal Products • Mopar Parts & Accessories • Airtemp Heating, Cooling, Refrigeration • Cycroweld Adhesives & Building Panels



AVALANCHE OF MEN AND SNOW plunges down steep side of mountain at Squaw Valley in California as American team gets ready for the Olympics. This

dramatic picture was taken in early morning before the sun had touched the snow. The team trained here for two of the eight weeks spent preparing for Olympic race.



THE COURSE AT NOREFJELL drops down from right, twisting through forest and onto straight run to finish. Best average speed for course: 38 mph.

HELL ON SNOW

On Norway's suicide slopes U.S. skiers prepare for most perilous Olympic race

by MARSHALL SMITH

NORWAY'S ancient and snow-blanketed capital, Oslo, last week welcomed a gay and gaudy invasion; scores of pretty girl skaters and stone-faced hockey players converged on it from 31 nations to joust for honor and glory in the 1952 Olympic Winter Games. But a select band of winter warriors paused there only long enough to catch their breath and another train. Leaving behind the main force of 1,200 athletes to settle down in the city's new Olympic villages, this small group pushed on north to a sterner battleground.

These were the true daredevils of winter sport—the downhill ski racers. Their destination, 62 miles from Oslo, was Mount Norefjell, a snow-capped peak whose terrain is considered rugged enough for the most hazardous of all Olympic events. No sport on earth matches in danger the downhill race: the course at Norefjell drops a breathtaking 2,400 feet in a mile and a half.

Among the men en route there this week, with less chance of winning a race than of losing a limb, was the underdog eight-man American team. All in their 20s and pink faced from weeks of outdoor training, they included three college boys from New England, a lumberjack from the Pacific northwest, a ski-tow mechanic, a yeoman 2/c on leave from the U.S. Navy, an Air Force private and one fellow who had no other occupation than skiing for the fun of it. With them in the role of keeper was one middle-aged Frenchman named Emile Allais, their trainer and technical adviser.

Unless its snow cover gets too thin, Norefjell will be their final testing ground (if Norefjell is too bare the course at Voss, 75 miles away, will make an equally tough substitute). Along with the Austrians and Swiss and New Zealanders, the U.S. team will live in quarters near the spot where Norefjell's course plunges into the "slot" at the timberline. On a moonlit night if they are bothered

CONTINUED ON NEXT PAGE

"THAT Formfit LOOK"



...THE ACCEPTED SYMBOL

For fit, for comfort

For fit that's magically flattering, comfort that's positively pampering—look for the label that says Life by Formfit! Only LIFE BRAS by Formfit are "Triple Fitted" to you. Proportioned to (1) your bust size, (2) your cup size, (3) your separation—wide, medium or narrow. And LIFE GIRDLE alone gives you Formfit's tailored-in control that slims the waist. Trims and smooths hips and thighs. With free-action comfort all the way! LIFE BRA working with LIFE GIRDLE. The secret of A Sweetheart of a Figure! Be fitted and see, at any of the better stores. You'll know then why more women demand Formfit than any other make.

Life Bras from \$1.25 Life Girdles from \$8.95

For a Sweetheart of a Figure

THE FORMFIT COMPANY • CHICAGO • NEW YORK

ONLY FORMFIT MAKES Life BRAS, GIROLES, FOUNDATIONS



"Such a wonderful shampoo! It leaves my hair so shining soft, so easy to curl!"

• Hollywood's lovely young stars adore the way Rayve Shampoo gives their hair lively *new* beauty!

Enchanting Marilyn Monroe says: "Creamy-rich Rayve lather is so gentle, so wonderfully cleansing, my hair falls right into the softest, prettiest waves!" Now see how lovely *your* hair can look! Let Rayve's luxurious lather, its rich curl-conditioning oils discover hidden lather, soft gleaming curls you never dreamed you had! Get a tube or jar of Rayve today!



Listen every weekday night to

Robert Montgomery

"A Citizen Views the News"

See your local paper for

time and station.



T-N-T
POPCORN
for cozy evenings



FAMOUS RY-KRISP
REDUCING PLAN
ON EVERY PACKAGE



OVER THE EDGE and seemingly off into space goes U.S. Olympic team member Dick Buck at Squaw Valley. On straight drops skiers have gone 73 mph.

OLYMPIC SKIING CONTINUED

with insomnia, as they invariably are before a big race, they can peek out their bedroom window and reassure themselves. Norefjell looks no more formidable than a dozen other mountains they have conquered: it is no tougher than the "rock garden" at Sun Valley—or skiing down the side of the Empire State Building.

"There is," Lumberjack Jack Nagel concedes, "quite an element of fear to conquer." That is a laconic understatement. The men have to work deliberately to store up confidence for the moment when once they start off along the upper one-fifth of the course—500 unobstructed yards, where a skier can let go and feel the blast of the wind at 55 mph and the giddy exhilaration that comes from man's closest approach to natural flying. Once into the trees, a slip means disaster. Already the team has had two sober reminders. At Ketchum, Idaho two months ago, the boys attended the funeral of teammate Jimmy Griffith, who died after a training crack-up. And at Wengen, Switzerland last month they helped carry another teammate, George Macomber, off the course with a broken leg. Even those who finished that race standing up, men in superb physical condition, stood around gasping for breath for 15 minutes, while the sweat poured off them. "It just beats hell out of you," says Jack Reddish, the Navy yeoman.

Americans' French coach

NO one knew better than Coach Emile Allais what the team was up against. Once the greatest of all racers in Europe, he had lost his front teeth years ago at Chamonix in the French Alps and shared this deficit now with most of his boys who had lost theirs at places like Reno and Aspen and Whitefish, Mont. He not only knew all the tricks but invented most of them himself, including a special racing crouch, ventilated goggles that would not fog up and even a new method of skiing (LIFE, Jan. 24, 1949). Upon his ingenuity at waxing and briefing depended whatever chance the U.S. had—and no American male has ever distinguished himself before in world competition.

The big advantage the Europeans have is a quality known as the "professional approach." It does not involve courage, for Emile considers the Americans the most "daredevilish" skiers he has ever come across. It is the experience that comes from making a sport a career. Europe's racers go to special training camps in the fall in the manner of big league U.S. ballplayers each spring. They hit a

CONTINUED ON PAGE 111



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In serious times like these, it is only natural that Sylvania, with 50 years of electronic and lighting background, must devote part of its capacity to defense. Up to this time production of TV sets, however, has not been drastically affected.



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THE "ALLAIS CROUCH" is practiced by U.S. team members while Coach Emile Allais (center) makes sure the crouch is low enough for streamlining.

OLYMPIC SKIING CONTINUED

winter circuit not unlike that pursued by big-time U.S. golfers. They race and travel together through Italy, France, Switzerland and Austria, and competition is so intense that chemists are brought in before races to help blend the fastest waxes.

The best of them would be tough to beat at Norefjell. Two of them are Emile's former protégés; France's famed Mutt and Jeff combination of big Henri Oreiller (see cover), winner of the last Olympic downhill at St. Moritz, and little James Couttet. Most spectacular of them all was Italy's great Zeno Colo who gave spectators heart failure as he thundered down mountains first on one ski, then on the other, completely relaxed even when he landed on the back of his neck as he did at St. Moritz in 1948. Though Zeno outrages the rule book by puffing cigarettes immediately before and



TOP: SWISS, Georges Schneider, is a favorite.

ski troops to stop the Russians. An inspired Norwegian farmer named Sondre Nordheim earned his title as the father of modern skiing by executing the first Telenorm turn 84 years ago on the present Olympic site at Oslo—or Christiania as Norway's capital was then called. With some help from the Swedes and the Finns, the Norwegians fostered competitive skiing. They built their famed jump at Holmenkollen in 1892 and gave the name of Christiania to the basic maneuver of all skiing, the turn. The Nordic events of jumping and skiing cross-country were the world's only form of skiing competition until the downhill came into existence about 30 years ago.

The downhill was the brainchild of an Englishman in the Swiss Alps who had become bored with the skiing and the scenery—and apparently with living. He challenged the Swiss to a race down the side of a mountain near Murren which was such a success that skiers from all over Central Europe were clamoring to get into the act. It suddenly supplied the spark of competition to a sport which they had been pursuing casually for centuries.

Backward as it has been in world competition, the non-skiing U.S. is not entirely without tradition. About 100 years ago, when

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CONTINUED ON NEXT PAGE



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SKI RACE, 19TH CENTURY STYLE had extra-long skis, unwieldy poles. At this 1885 race near Onion Valley, Calif. wax salsman was on hand (right).

OLYMPIC SKIING CONTINUED

gold was discovered along California's Rabbit Creek, gold-rushers by the thousands invaded the Sierra Nevadas and settled in such places as Saw Pit Flat, Poker Flat, La Porte and Onion Valley. When winter interrupted panning for gold, the miners took to skis—tremendous, hand-hewn slats 10 and 12 feet long. It was on the slopes overlooking Onion Valley that the world's first organized ski races were held with great sums of gold riding on the outcome. So nearly invincible did the miners of Onion Valley finally become that nearby Downieville imported a team of Norwegians to throw at them, but when all the bets were down Onion Valley skied away from the competition, took home all the money.



GOODWIN has made best record on U.S. team.

What might have been a flying start for U.S. skiing petered out with the gold in Onion Valley. For 50 years the story was almost forgotten. The next glimpse the U.S. got of big-time skiing was in 1932 when the winter Olympics were held at Lake Placid, N.Y.—and that glimpse was a newsreel view of an arm-waving Norwegian jumper. It was enough: the great American ski boom was on. Soon railroads were running cut-rate ski trains, bringing the ski slopes within reach of the average citizen. In 20 years the number of skiers in the U.S. soared from less than one million to 20 million.

But popularity did not necessarily mean proficiency, and the U.S. was still far from matching Europe competitively. For one thing, the best U.S. skiers got around to racing only when they found time and money for it; and the races, instead of being concentrated in a small area as in Europe, were spread out over great distances from New Hampshire to Idaho. But most serious was the fact that U.S. skiers never trained hard enough to get their legs properly steered for an ordeal like the downhill race.

It was on this weakness that Emile Allais concentrated when he first took over the U.S. squad in December. At Squaw Valley, Calif., not far from where Onion Valley's skiers once raced, he showed them the racing crouch that offered least resistance to the wind—the stance he had learned years ago by experimenting in the Hispano-Suiza wind tunnel in Paris. The knees were bent almost double, the funny held high and the body leaning forward almost horizontal. To hold this posture was extremely fatiguing, but it cut precious seconds off a racer's time. A wind check to reduce speed could be made from this position by simply standing up—but not too suddenly lest the skier be flipped over backward by the force of the wind.

The critical part of Emile's work—lifting the team to an exact psychological pitch at 1 p.m. on Feb. 16—began after the squad landed in Switzerland. The whole point of his strategy was to get his youths to relax into skiing for fun—right up to the last minute in Norway. When the team came out to practice at Wengen with eyes as big as half-dollars, he told them,



REDDISH, next best, is recovering from corn.

CONTINUED ON PAGE 114



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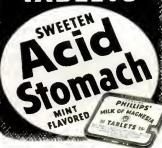


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OLYMPIC SKIING CONTINUED

"Just take it easy and have fun." Nor was there much he dared do with their styles of skiing; every good skier had his own way and to try to change them at the last minute would be disastrous. In the long Lauberhorn race at Wengen he cautioned them, "Just go down the race, not to the maximum, not to try to win." They followed orders, with Emile watching from a vantage point to flag them down if they got too ambitious. In the field of 101 the first of the U.S. team to finish was one of the college boys from New England, 20-year-old Verne Goodwin. He came in 18th. "I thought the race would never end," said Goodwin afterward. "I kept watching my control and telling myself just to get there in one piece."

The psychological effect of knowing they could have done better gave the team a certain smugness. Within a week they stopped acting like sandlotters working out with the New York Yankees. At Bad Gastein in Austria, where they began training for another race, Emile still held them in check. The team skied down the course in follow-the-leader fashion, with Emile leading the way. Still a fine skier, he always goes down a course first to test it for pitfalls and danger spots.

The race at Bad Gastein came on a dark, miserable afternoon with snow flurries cutting down visibility, the course so fast and dangerous that Austria's Othmar Schneider withdrew from the race. But the Americans skied. "Not too fast," Emile warned them. Once again Goodwin led his teammates home by finishing sixth with plenty in reserve.

With nobody knowing how hard all competitors were trying at Bad Gastein, no one could tell exactly how good was the performance of Goodwin or of Dartmouth's Brooks Dodge, finishing right on his heels among the first 10, or of Reddish, who finished 19th despite trouble with his feet and tight boots. The remarkable thing about Goodwin, an honor student from Middlebury (Vt.) College, was that he had trained for the Olympic trip by not getting on skis until after Christmas. He was not at Squaw Valley with the other boys. When he was not cramming at studies, he was busy being a substitute on Middlebury's football team or taking special leg exercises. "I never get out of condition," says Goodwin. In the summer he worked on a pick-and-shovel gang. Coach Allais had a bad couple of days last week, however, when Goodwin went to the hospital with appendicitis. It turned out to be a mild case, though, and 48 hours later Goodwin was back on skis.

The big day

BY the time the team reached Norway the skiing-for-fun program had them wondering when the reins would be relaxed. They were not only tony with one another but were beginning to feel more than a little cocky toward European competition. "Wait until we let go," they kept thinking. It was just the frame of mind that Emile had wanted for the big day at Norefell.

The big day's coming, though, would dissipate their carefully cultivated confidence like the morning mist. At breakfast the food would be tasteless at best, often impossible to choke down. Some would confine themselves to a glass of honey and orange juice, a potion supposed to build up energy. Only Goodwin, the coolest and youngest of them, would have slept well without pills and even he would wake up jittery. "It gets worse during breakfast," he admits. "Then I do my waxing and start getting my equipment up

CONTINUED ON PAGE 117

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Try **NR** at our expense. 25 tablets only 25c. Buy a box at any drug store. Try them. If not completely satisfied, return box with unused tablets to us. We will refund your money plus postage.

NR Nature's Remedy
MADE IN U.S.A.

OLYMPIC SKIING CONTINUED

the mountain. I like to talk to myself . . . you know, you can talk yourself into winning a race."

When it comes time to put on skis and goggles, the atmosphere of fear thickens. Their eyes dull with anxiety. As they stand around in the cold, waiting their turn to shove off at one-minute intervals, their voices fail. Some try to speak, but no sound comes. A few go behind a tree and get sick. All of them, even the phlegmatic Swedes, suffer the overwhelming urge to relieve their bladders repeatedly.

But when their numbers are called and the starter begins counting, "Five, four, three, two . . ." the panic seeps away. Calm returns: they remember to be jaunty again, to draw upon that store of confidence they have been hoarding.

They will need it before they reach the bottom.

On the first *schuss* (straight, steep run), where they will make between 50 and 60 mph, some will yell or talk to themselves to keep from unconsciously holding their breath. They will be going too fast to hear the noise they make. They will be unable to see or worry about the trees whizzing past. Peering through tinted goggles, they will sight their course 30 or 40 yards ahead along a "line" determined in practice runs.

Just the sound of a skier traveling at great speed—the chattering of his skis and the staccato rattle of his pants—is enough to send a chill through spectators. The skiers will get their chills approaching the tree line where they will slam on the brakes to reduce speed for the "hole," a treacherous gully preceding a jump and a sharp drop-off to the left. From there on they will be in the slot with a wall of trees pressing in on them from either side. For the last half of the journey they will be fighting exhaustion as they hit bumps and turns on legs now threatening to cave in.

The worst hazards of all are the bumps—no two of them alike, and when they come in a washboardlike series they have to be taken with rhythm. The racer may hit the first bump and sail cleanly over two more by retracting his legs like the landing gear of an airplane. He can be airborne for 20 or 30 feet—but he had better not make any mistakes landing.

The man who makes the fewest mistakes and keeps the clearest head will be the winner at Norefjell. The chances of its being an American are about 20 to one, although Emile feels that two of his skiers might be among the first 10. But the odds against any one of Europe's greats—Colo, Pravda, Schneider or Eriksen—are almost as big.

At the finish, as each racer, heavy with exhaustion, leans on his poles and stares back up the mountain, he will utter, in many languages, a sigh with one meaning: "Thank God! I'm glad that's over." Not until the next day will he be able to eat a full meal.



WHAT ONE SLIP CAN DO in downhill racing was shown when U.S. Team Member George Macomber hit icy spot while tuning up for 1932 Olympics in a race in Switzerland. Here, his leg broken, he is taken away on stretcher-sled.

TRIM YOUR BUDGET!

How he'll love it!



SERVE
RIVER
BRAND
RICE

FLUFFY! TENDER!
WHITE! LOW COST!



FAST-
COOKING
RECIPES
ON
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RIVER BRAND
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For Natural Rice Vitamins,
Nutrients and a real
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● A little rice gives a lot in quantity and nutrition. Each of these famous brands cooks to 4 times its package weight . . . makes 16 generous servings per pound at only about a penny a serving!

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DELEGATE FRANK DYSART, OF FOURTH WARD, MUNCHES AWAY AT HIS BOX SUPPER BETWEEN BALLOTS

Life Goes to a Party Workers Convention

OHIO REPUBLICANS WRITE THEIR OWN TICKET

In most U.S. counties, as political practice goes, it is the custom of top party leaders to hand-pick a slate of delegates and offer them to the voters at election time. But late last month in Franklin County, Ohio the Republicans reversed this procedure; the ward and township workers picked a ticket and handed it up to their leaders to support. Meeting in Columbus in a daylong convention that was a miniature of the one the party will hold in July, 1,462 delegates and alternates sat in a forest of banners

and placards (*below*), listened to speeches and songs, then cast their votes and came up with 21 candidates for offices ranging from U.S. representative to coroner. Their votes were not idle tokens of support. When the convention was over the ward and township people went out to work for the men they had chosen. Said practical County Chairman William Schneider, who started Franklin's preprimary idea, "It gets people out to select their man and then they have a personal feeling for his nomination."



UNDER PLACARDS with names and numbers of county's 19 wards and 21 townships, delegates listen to welcoming speech. Platform is lined with plaster elephants.





BEFORE THE VOTING STARTS MEMBERS OF WOMEN'S REPUBLICAN GLEE CLUB STAND UP TO RENDER "BEAUTIFUL OHIO." THEY ALSO SANG "OHIO, MY OHIO"



CANVASSER William Strader (left), "the best in 10th Ward," talks to Chairman William Schneider.



CANDIDATE Roy King, who is running for clerk of courts, talks to secretary with King campaign hat.



COMMITTEEMAN Don Hoover tots up votes for a candidate for Ohio House of Representatives.



Ernest
Truex

Ernest Truex, star of over 37 Broadway plays

Actors' faces are extra-sensitive

But Ernest Truex knows that this wonderful shaving cream helps him shave comfortably, have soft, smooth-looking skin.

Wearing and removing heavy stage make-up several times a day leaves actors' faces sensitive to the razor, prone to wrinkled, old-looking skin. And for actors, looking one's best is important to returns at the box office.

To help all men with sensitive skin, the J. B. Williams Company has added a wonderful new ingredient to Williams Shaving Cream. This new ingredient, Extract of Lanolin, contains 25 times the beneficial properties of the well-known skin conditioner, plain lanolin. It lets you shave close, yet helps free

your skin from the risk of painful nicks and scratches.

If your position, too, requires good grooming at all times, use the New Williams Shaving Cream with Extract of Lanolin every time you shave. It helps your skin preserve its youthful qualities, take on that healthy glow... helps you look your very best at all times.

Start using the New Williams Shaving Cream right away. If you prefer a brushless shaving cream try new Williams Brushless. It contains the same luxurious shaving cream qualities.

"ES GIBT KEINE
BLASE WIE
DUBBLE
BUBBLE"*

"in other words:
"PEOPLE ALL OVER
THE WORLD HAVE
FUN CHEWING
FLEER'S DUBBLE
BUBBLE GUM"



1¢

FUNNIES,
FORTUNES,
FACTS ON EVERY
WRAPPER!

FRANK H. FLEER CORP.
PHILADELPHIA 41, PA.

COUGHERS!
DOCTORS
REPORT
MENTHOL
BRINGS
RELIEF



Luden's contains extra menthol. It's this extra menthol in Luden's Menthhol Cough Drops that brings quick, effective relief.



5¢

Betcha

one sniff recalls
canning-time
back home!

Bennett's
Chili Sauce

If not yet at your store, send 25c for 8 oz. bottle
& Recipe Booklet. BENNETT'S, Baltimore 15, Md.



Convention CONTINUED



AT PRECONVENTION CAUCUS IN A HOTEL DINING ROOM DELEGATES OF



A NOMINATION is made by Paul Herbert, former Lieut. Governor of Ohio.



A CALL TO ORDER is sounded by Chairman Schneider's gavel.



WINNING CANDIDATES who will get backing of Franklin County Republicans in May primary elections line up on edge of platform. They are (left to right): Hugh Martin (running for Common Pleas Judge), John Vorys (U.S. Congressman), Clifford Ozias (County Engineer), Kline Roberts, Horace Troup, Lytle Zuber, Samuel Devine (House of Representatives), Fred Berkheimer



UPPER ARLINGTON TOWNSHIP DISCUSS QUALIFICATIONS OF CANDIDATES



ORATORY is supplied by Senator Bricker, now up for re-election.

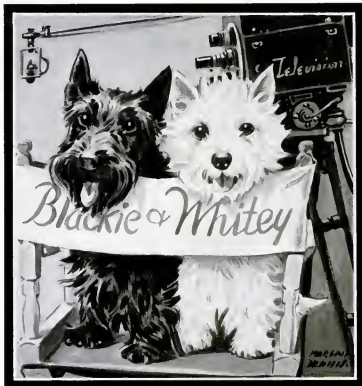


INSPIRATION is offered by June Wytters, who recited poem she had written.



(County Treasurer), Charles Lauderbaugh (County Commissioner), Robert Evans (Coroner), Ralph Paul (County Sheriff), Golda May Edmonston (House of Representatives), Henry Koonitz (County Commissioner), Roy King (Clerk of Courts), John Chester (House of Representatives), Robert Shaw (State Senator), Homer George (County Recorder), Wilbur Shull (State Senator).

CONTINUED ON NEXT PAGE



Starred Again!



"WE APPEAR IN SCENE
AFTER SCENE, WHITEY!"



"THAT'S RIGHT, BLACKIE!

YOU'LL FIND BLACK & WHITE
SCOTCH WHISKY WHENEVER
THE PART CALLS FOR
A SCOTCH WITH
QUALITY AND CHARACTER
THAT NEVER CHANGE."



"BLACK & WHITE"

The Scotch with Character

BLENDED SCOTCH WHISKY 86.8 PROOF

THE FLEISCHMANN DISTILLING CORPORATION, N. Y. • SOLE DISTRIBUTORS



Service men service their lips with 'CHAP STICK'—the lip balm that brings fast relief to weather-sore lips. 'CHAP STICK' keeps lips fit



Now there's a personal 'CHAP STICK' for every member of the family. Each individually marked for quick identification. 'CHAP STICK'—Personally yours



There's nothing like 'CHAP STICK' to comfort those painfully chapped, cracked, feverish lips. Refuse all substitutes. 'CHAP STICK'—the only antiseptic lip balm

☆

'CHAP STICK'S' popularity never stops growing—the lip balm preferred by millions in every walk of life. Specially medicated, specially soothing. Pocket size, easy to apply. Relief swift and long lasting

Think of 'CHAP STICK' first—when your lips are dry, chapped or cracked. Say "no" to substitutes—insist on 'CHAP STICK'—the personalized* lip balm.

* For chapped, cracked, weather-sore hands use 'CHAP-ANS', the man's hand cream.



CHAP STICK COMPANY, LYNCHBURG, VIRGINIA



BOXED-IN CANDIDATE, Congressman Vorys (right, at table), who has just been nominated, fills out candidacy form amid litter of delegates' suppers.

FIRST AID for ACID INDIGESTION

The
**GOOD
WORD**
is a Glass of
Sparkling,
Refreshing

ALKA- SELTZER

MADE—Bottled U.S. For C&B

DEPENDABLE
Fast Acting
PLEASANT TASTING
Alkalizing
NOT A LAXATIVE

ALSO RELIEF
HEADACHE
COLD MISERY
MUSCULAR PAIN

AT ALL DRUG STORES • U.S. and CANADA



E-Z Mills Inc., Empire State Bldg., New York 1



The Plain Truth About Hearing

Intitling this message, I have picked the word "hearing" rather than "deafness." There are very few truly deaf people.

But some 15,000,000 Americans do NOT hear well. Of these, some 5,000,000 need help. Yet only about 1,000,000—or one-fifth of those who need help—are getting it.

Many people are partially hard of hearing without being aware of it or acknowledging it. Some simply believe that other people are not talking distinctly, or loud enough.

Less than 20 years ago, only the very hard of hearing used mechanical devices to pierce the Iron Curtain that had come between them and their families and friends. It was not until the comparatively recent development of the vacuum tube that today's new era of hearing became possible.

Hearing In Common With Eyesight

Poor hearing, exactly like poor eyesight, differs with different people.

Just as a powerful magnifying glass was not the single answer to all whose vision is impaired, an ordinary loud-speaker device was no answer to all hearing problems. What, then, was needed? A hearing aid, individually fitted and adjusted for individual conditions—as eyeglasses are.

What is more, the constant changes in a person's hearing ability demanded that the conscientious hearing-aid maker take a sincere, continuing interest in the user—for life.

Today, a great many hearing aids are available to the hard of hearing. A vast number of sufferers have sought this assistance in returning to full participation in business, family and social life.

For beyond the desire to regain hearing ability, few people care to be conspicuous by being shouted at. A simple, unobtrusive hearing aid—far less noticeable than eyeglasses—ends that embarrassment.

There Is A Wide Choice

It is natural that Sonotone, one of the pioneer hearing-aid manufacturers, should have been followed into this field by many others. I can tell you that a number of these other hearing aids are mechanically good. Any of them, in fact, offers something better than the muffled or missing sounds of impaired hearing.

Prices, of course, vary—just as the prices of automobiles do.

There also are varying opinions among manufacturers as to how much individual fitting for his exact needs the user is entitled to. There are many different ideas, too, as to the completeness and duration of the service owed him.

Can Your Hearing Be Analyzed Confidentially?

I urge everyone who even suspects a hard-of-hearing condition to learn to what degree a hearing aid may help.

To this end, I offer the facilities of the 412 Sonotone offices throughout the country,

whose primary purpose is to help you by following the standard practices which the medical profession accepts: namely, the use of the audiometer to measure hearing loss and the proper fitting of hearing aids to individual needs.

Obviously, it is wiser to have an audiogram made and learn in advance just how a hearing aid may help you—than to buy a hearing aid hit-or-miss, without prior precise knowledge of your individual needs.

So feel free, won't you, to call your nearest Sonotone office, which is listed in your local telephone directory under "Sonotone."

Individual Needs Vary

A Certified Sonotone Consultant—in the privacy of his office or your own home—will scientifically and confidentially measure your hearing—without charge or obligation. And he will not recommend a hearing aid without first determining which of over 300 different fitting combinations is best suited to your personal requirements.

I hope you will avail yourself of this opportunity soon or, if you prefer, write directly to me about your hearing problems.

Sincerely yours,



IRVING I. SCHACHTEL, President

SONOTONE CORPORATION
Elmsford, New York



from LIFE, November 5, 1931, courtesy Southern Pacific Lines

WHAT'S IN A PICTURE...

That prodigy, the camera, was born with a Ph. D. degree in history. History in words put down later, for all its worth, can never be so vivid as the photograph.

Here is an example, a memento of the building of America. This picture shows the Central Pacific Railroad, part of the first transcontinental line,

being hammered into shape across Utah. The picture brings to life that moment in 1869.

If it seems wonderful that the camera can take you back and let you see a day eighty-two years ago, think how much the work of today's photographers means—and will mean to people eighty-two years from now.

... to see life ... to see the world ... to eyewitness great events

LIFE

There's No Substitute for **OLD GRAND-DAD**



That's why it's . . . Head of the Bourbon Family
As fine a Kentucky
Straight Bourbon as money can buy!

Why did you change to Camels, EVA GABOR?

"I had to be sure my cigarette agreed with my throat. So I tried many different brands. I chose Camels for their day-in, day-out mildness and flavor!"

Eva Gabor
Star of Television,
Screen and Stage

NOTED THROAT SPECIALISTS REPORTED AFTER TESTS:

*Not one single case of throat irritation
due to smoking **CAMELS***



This was the finding of noted throat specialists in a coast-to-coast test of hundreds of people with normal throats who smoked only Camels for 30 days.

Find out about Camel mildness yourself—do it the sensible way, the thorough way. Smoke only Camels for 30 days and compare them with any cigarette you've smoked before. You'll see how flavorful Camels are, puff after puff... you'll see how mild Camels are, how well they agree with your throat as your steady smoke. Then you'll know why, after all the mildness tests...



Make your own
sensible 30-Day
Camel mildness test
in your "T-Zone"
—T for Throat,
T for Taste.

CAMEL LEADS ALL OTHER BRANDS—BY BILLIONS!

R. J. REYNOLDS TOBACCO CO.,
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